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1986 Daily Daylight Cloud Fraction, Shortwave Surface Radiation, and Transmittance for 502 Sites

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SUMMARY

For the year 1986, daily time series of ISCCP cloud fraction, measured shortwave surface radiation data, and analytically calculated top-of-atmosphere downward shortwave irradiance are presented for 502 sites around the globe. A table of monthly averages of the following parameters is provided for each site. The monthly parameters are (1) measured downward shortwave surface irradiance, (2) top-of-atmosphere downward shortwave irradiance, (3) cosine of the solar zenith angle, (4) maximum and minimum transmittances, and (5) four different estimates of monthly clear-sky transmittance. Also, maps and a table depicting the locations of the sites are provided for reference.

INTRODUCTION

Shortwave radiative fluxes that reach the earth's surface are key factors that influence atmospheric and oceanic circulations as well as surface climate (Suttles and Ohring, 1986; Sellers et al., 1990). Recognizing the need to produce global-scale fields for climate research, the World Climate Reserach Program (WCRP) has initiated activites that led to the establishment of the Surface Radiation Budget (SRB) climatology project with the ultimate goal of determining various components of the SRB from satellite data. The first WCRP SRB satellite-derived shortwave (SW) data set has been completed and released to the scientific community (Whitlock et al., 1995a). For most of the globe, satellite estimates of downward shortwave surface irradiance have bias values between $\pm 20 W/m^2$, and rms values are approximately $25 W/m^2$. There are, however, specific regions with much larger uncertainties (Whitlock et al., 1995b). Detailed comparisons with a large number of daily surface site measurements are needed before an advanced WCRP SRB data set can be produced.

Downward shortwave surface irradiance data and supporting parameters are compiled to test the accuracy of satellite algorithms as a function of cloud cover in various regions of the globe. The data should help resolve inaccuracies in both the clear-sky and cloud portions of the satellite algorithms, and aid investigators in improving algorithms in the biomass-burning regions. It is the purpose of this document to present these data in a concise graphic and tabular form for quickness of evaluation.

DATA DESCRIPTION

Data Products:

The following data sources have been used in compiling this data product:

ISCCP	International Satellite Cloud Climatology Project
WRDC	World Radiation Data Center
SAMSON	Solar and Meteorological Surface Observation Network
FIRE	First ISCCP Regional Experiment, Wisconsin
NOAA	National Oceanic and Atmospheric Administration

ISCCP provides the daily, daylight only, cloud fraction data (averaged from 3-hourly data) for an equal-area cell (6596 cells over the globe). Each cell represents an area equal to that of a 2.5 degree x 2.5 degree latitude/longitude cell at the equator (approximately 280 square km). The cloud fraction in the time series plots are for the entire cell in which a site resides, and may not be a true indicator of a site's actual overhead cloud cover. Measured daily downward surface shortwave irradiance data are provided by WRDC, SAMSON, FIRE, and NOAA. For 1986, there are 480 sites over the globe from the WRDC data, 4 sites in the U.S. from the SAMSON data, 17 sites in Wisconsin from the FIRE data, and a South Pole site from NOAA. The Wisconsin data is only provided for 22 days (October 12 through November 2).

Definition of Parameters:

The following abbreviations are used:

SrfDwn	monthly average of measured daily downward shortwave surface irradiance
ToaDwn	monthly average of calculated top-of-atmosphere downward shortwave irradiance
CosZAvg	monthly average of calculated cosine of the solar zenith angle
TransMax	monthly maximum daily atmospheric transmittance
TransMin	monthly minimum daily atmospheric transmittance
TransT5	monthly average of the top 5% of daily transmittance values
TransI0	monthly average of daily transmittance values when ISCCP cloud cover is 0%
TransI5	monthly average of daily transmittance values when ISCCP cloud cover is 5% or less
TransI10	monthly average of daily transmittance values when ISCCP cloud cover is 10% or less

Calculation of Parameters:

Downward shortwave surface irradiance (SrfDwn) is calculated using only quality daily data from all data sources. For the WRDC data, any value that is flagged as doubtful or restored by calculation is not considered in the monthly average. The monthly average of the WRDC data is calculated by summing the quality daily values and dividing by the total number of days which were summed. SAMSON data is provided on an hourly basis. First, daily averages are obtained when there are at least 7 observations during daylight hours. The monthly average is obtained by summing the available days in the month and dividing by the total number of days which were summed. Wisconsin data is provided as minute averages. For clear-sky days with large data gaps, time series were plotted. Filling occured with the best fit from a neighboring site. Days containing more than 115 minutes of missing data are not considered for daily averages. The monthly average is obtained by summing the available days in the month and dividing by the total number of days which were summed.

Top-of-atmosphere (TOA) downward shortwave irradiance (ToaDwn) is calculated every 1.5 minutes and daily averages are determined based on the number of values summed (approximately 960). The monthly average is calculated from daily averages.

Cosine of the solar zenith angle (CosZAvg) is calculated every 1.5 minutes. Negative values are reset to zero. Daily averages are calculated based on the number of values summed (approximately 960). The monthly average is calculated from daily averages. Calculations are based on a flat earth, and the Chambers effect is not considered for low sun angles.

Transmittance (Trans) is calculated by dividing the surface-measured daily downward shortwave surface irradiance values by calculated daily TOA downward shortwave irradiance values.

TABLES

To make locating a specific site simple, table1 lists the site names, site numbers, and ISCCP and CERES Release 1 (R1) cell numbers in region order and decreasing latitude within each region. Note that the site numbers have been re-assigned for plotting convenience. Both actual WRDC site numbers and appendix site numbers are provided in table 1.

Table 2 provides the monthly statistics for each site using the parameters listed in the data description section (SrfDwn, ToaDwn, CosZAvg, TransMax, TransMin, TransT5, TransI0, transI5, TransI10). Downward shortwave surface irradiance and TOA downward shortwave irradiance values have been rounded to the nearest integer

and listed in units of W/m^2. Missing values, or values which could not be calculated, are set to stars (******) for visibility purposes. When the measured daily downward shortwave surface irradiance for a site is 5 W/m^2 or less, transmittance values are set to stars (******). Table 2 is ordered the same as table 1, by region and decreasing latitude. However, only the appendix site number is included for site identification.

A rationale for estimating approximate clear-sky transmittance values has been formulated. The process is difficult because there are few perfectly-clear days over the entire ISCCP 280 X 280 km cells for which we have cloud fraction values. After examination of a few sites where hourly observations of cloud cover were available, the following rationale is recommended for non-snow sites:

1. Use TransI0 if a value exists. This is the best method.

2. If TransI0 does not exist:

    a. Average TransT5 and TransI5, if TransMax = TransT5.
    b. Use TransT5, if TransMax> TransT5.
    c. Use TransI5, if TransT5 > TransI5.

3. If values do not exist for either TransI0 or TransI5, look for a nearby site or look at an adjacent month and use the above procedures. An alternative approach would be to take the average of TransMax and TransI10, but caution is advised. The user should examine the plot of the site data in the appropriate appendix to see if this procedure makes sense.

4. If values do not exist for either TransI0, TransI5, or TransI10, look at a nearby site or an adjacent month. The user may have to fit a curve through those months for which no near-clear days existed over the entire ISCCP cell.

APPENDICES

The globe is separated into 9 regions designated A through I, as shown in figure 1. The appendices are labled according to the regions, and the appendix figure numbers correspond to the GEWEX/SRB appendix site numbers. Each appendix contains a map of the region with the appendix site numbers to designate the locations of the sites. For sites which are clustered, additional enlarged sections of the regions are provided. The figures consist of time series of daily analytically calculated TOA downward shortwave irradiance, site measured downward shortwave irradiance, and ISCCP cloud cover, all on a local-day (solar time) basis. The figures are constructed such that daily values of both cloud fraction and downward irradiance at each site can be read with a straight edge.

Quality Note

In some instances there were days when the measured surface data were flagged as quality data yet exceeded calculated TOA downward shortwave irradiance values. These cases were not considered in the calculations of maximum, minimum, and clear-sky transmittances. All of these cases occured at low solar elevations except for the following:

Month	Site #	SrfDwn	ToaDwn	Day
8601	112310	203.748	147.807	27
8602	156350	262.523	261.912	28
8603	72400	269.118	260.816	10
8609	160200	294.572	278.384	29
8611	442310	136.989	130.911	13
8611	152470	185.351	175.675	5
8611	152470	176.327	153.560	15
8612	166900	254.540	173.137	30
8612	166821	197.847	177.042	11
8612	67910	114.543	111.259	25

In almost all of these cases, ISCCP cloud fraction is low. It should be noted that sites 442310 and 67910 are stations Muren, Mongolia and Corvatsch, Switzerland, respectively. Both of these stations are located at high elevations and the daily shortwave surface irradiance measurements are only slightly higher than surrounding days (less than 30 W/m^2). For the remaining sites, the measured daily shortwave surface irradiance values appear to be erroneous based on nearby daily measurements.

CONCLUDING REMARKS

For the year 1986, daily time series of ISCCP cloud fraction, measured shortwave surface radiation data, and analytically calculated TOA downward shortwave irradiance are presented for 502 sites around the globe. Tables of monthly average parameters are included. Also, a table and maps depicting the locations of the sites are provided for reference.

REFERENCES

Sellers, P.J., S.I. Rasool and H.-J. Bolle, 1990: A Review of Satellite Data Algorithms for Studies of the Land Surface. *Bulletin American Meteorology Society,* 71, 1429-1447.

Suttles, J.T., and G. Ohring, 1986: Surface Radation Budget for Climate Applications. NASA RP 1169.

Whitlock, C.H., T.P. Charlock, W.F. Staylor, R.T. Pinker, I. Laszlo, A. Ohmura, H. Gilgen, T. Konzelmann, R.C. DiPasquale, C.D. Moats, S.R. LeCroy, and N.A. Ritchey, 1995a: First Global WCRP Surface Radiation Budget Data Set. *Bulletin American Meteorology Society,* 71, 905-922.

Whitlock, C.H., D.R. Cahoon, and T. Konzelmann, 1995b: Effects of Biomass Burning on Satellite Estimates of Surface Radiation on Central Africa. AGU Chapman Conference on Biomass Burning and Global Change. Williamsburg, VA, March 13-17.

TABLE 1. Station Identification

Table 1. Station Identification

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
A	82.500	-62.333	15	6582	26327	710820	CANADA	ALERT
A	80.617	58.050	2	6550	26218	200460	RUSSIA	KRENKEL OBS.
A	79.983	-85.933	16	6540	26198	719170	CANADA	EUREKA
A	77.717	104.283	3	6527	26116	202920	RUSSIA	FEDOROV OBS.
A	76.233	-119.333	17	6507	26010	710720	CANADA	MOULD BAY
A	76.000	137.900	4	6498	25969	214320	RUSSIA	KOTELNY IS.
A	74.717	-94.983	18	6474	25941	719240	CANADA	RESOLUTE
A	73.500	80.400	5	6453	25818	206740	RUSSIA	DICKSON IS.
A	72.000	-125.267	19	6428	25768	710510	CANADA	SACHS HARBOUR
A	70.967	-178.533	6	6422	25662	219620	RUSSIA	WRANGEL IS.
A	70.633	162.400	7	6419	25657	219650	RUSSIA	CHETYREKH-STOLBOVOI IS.
A	69.100	-105.117	20	6383	25584	719250	CANADA	CAMBRIDGE BAY
A	68.783	-81.250	21	6367	25591	710810	CANADA	HALL BEACH
A	68.500	112.433	8	6363	25439	241250	RUSSIA	OLENEK
A	68.317	-133.533	22	6379	25473	719570	CANADA	INUVIK
A	67.833	20.433	36	6349	25412	20450	SWEDEN	KIRUNA
A	67.550	133.383	9	6366	25445	242660	RUSSIA	VERKHOYANSK
A	67.367	26.650	29	6293	25301	28360	FINLAND	SODANKYLA
A	65.783	87.950	10	6303	25203	234720	RUSSIA	TURUKHANSK
A	65.550	22.133	37	6292	25181	21850	SWEDEN	LULEA
A	65.283	-126.800	23	6326	25251	710430	CANADA	NORMAN WELLS
A	64.583	40.500	35	6232	25063	225500	RUSSIA	ARKHANGEL'SK
A	64.300	-96.000	24	6271	25140	719260	CANADA	BAKER LAKE
A	64.200	-83.367	25	6274	25145	719150	CANADA	CORAL HARBOUR
A	64.133	-21.900	33	6285	25166	40300	ICELAND	REYKJAVIK
A	63.750	-68.550	26	6276	25150	719090	CANADA	IQALUIT
A	63.267	143.150	11	6250	24970	246880	RUSSIA	OIMYAKON
A	62.083	129.750	12	6180	24832	249590	RUSSIA	YAKUTSK
A	60.817	23.500	30	6160	24651	29630	FINLAND	JOKIOINEN
A	60.717	-135.067	27	6199	24730	719640	CANADA	WHITEHORSE
A	60.433	77.867	13	6170	24672	239550	RUSSIA	ALEXANDROVSKOE
A	60.400	5.317	34	6157	24644	13160	NORWAY	BERGEN
A	60.333	102.267	14	6175	24682	249080	RUSSIA	VANAVARA
A	60.317	24.967	31	6160	24651	29740	FINLAND	HELSINKI
A	60.133	-1.183	32	6224	24782	30050	GREAT BRITAIN	LERWICK
A	60.017	-111.950	28	6203	24739	719340	CANADA	FORT SMITH
B	58.833	-122.583	2	6130	24591	719450	CANADA	FORT NELSON
B	58.750	-94.067	3	6136	24603	719130	CANADA	CHURCHILL
B	58.450	-78.117	4	6139	24462	719070	CANADA	INUKJUAK
B	58.100	-68.417	5	6141	24466	719060	CANADA	KUUJJUAQ
B	55.183	-119.367	6	6054	24131	719061	CANADA	BEAVERLODGE
B	53.967	-101.100	7	5977	23975	718670	CANADA	THE PAS
B	53.883	-122.683	8	5972	23965	718960	CANADA	PRINCE GEORGE

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
B	53.833	-89.867	9	5979	23961	718460	CANADA	BIG TROUT LAKE
B	53.550	-114.100	10	5974	23800	711190	CANADA	EDMONTON/STONY PLAIN
B	53.317	-60.417	11	5966	23825	718160	CANADA	GOOSE
B	53.250	-131.817	12	5969	23791	711010	CANADA	SANDSPIT
B	51.933	-131.017	13	5883	23617	711070	CANADA	S. JAMES C.
B	51.317	-106.400	14	5888	23628	711071	CANADA	BAD LAKE
B	51.267	-80.650	15	5895	23642	718360	CANADA	MOOSONEE
B	50.683	-127.367	16	5884	23439	711090	CANADA	PORT HARDY
B	50.283	-107.683	17	5889	23449	718700	CANADA	SWIFT CURRENT
B	50.267	-111.183	18	5888	23447	711280	CANADA	SUFFIELD
B	50.217	-66.250	19	5899	23470	718110	CANADA	SEPT ILES
B	49.900	-97.233	20	5800	23270	718520	CANADA	WINNIPEG INT. ARPT
B	49.567	-119.650	21	5794	23256	718741	CANADA	SUMMERLAND
B	49.217	-123.950	22	5793	23256	718900	CANADA	NANAIMO/DEPARTURE BAY
B	49.183	-123.167	23	5793	23256	718920	CANADA	VANCOUVER INT. ARPT
B	48.850	-72.533	24	5806	23283	718902	CANADA	NORMANDIN
B	47.617	-52.733	25	5812	23104	718010	CANADA	S.JOHNS
B	46.767	-56.167	35	5715	22910	718050	S.PIERRE&MIQUELON	ST-PIERRE
B	46.283	-63.133	26	5713	22906	717060	CANADA	CHARLOTTETOWN
B	45.867	-66.533	27	5712	22706	717000	CANADA	FREDERICTON
B	45.317	-75.667	28	5709	22701	716280	CANADA	OTTAWA INT. ARPT
B	45.067	-64.483	29	5713	22707	716281	CANADA	KENTVILLE
B	44.920	-89.620	55	5605	22491	21	USA	WAUSAU
B	44.633	-63.500	30	5612	22506	716010	CANADA	SHEARWATER
B	44.550	-89.530	53	5605	22491	19	USA	STEVENS POINT
B	44.117	-123.217	38	5595	22472	4	USA	EUGENE
B	44.040	-89.300	56	5605	22491	22	USA	WAUTOMA
B	43.970	-89.800	40	5605	22491	6	USA	ADAMS COUNTY
B	43.960	-90.760	45	5604	22491	11	USA	FT MCCOY
B	43.933	-60.017	31	5613	22506	716000	CANADA	SABLE IS.
B	43.800	-79.550	32	5608	22497	716001	CANADA	TORONTO MET.RES.STN.
B	43.667	-79.383	33	5608	22290	716003	CANADA	TORONTO
B	43.650	-80.417	34	5607	22290	716004	CANADA	ELORA RES.STN.
B	43.583	-119.050	39	5596	22267	5	USA	BURNS
B	43.560	-89.480	50	5605	22284	16	USA	PORTAGE
B	43.530	-89.970	51	5605	22284	17	USA	REEDSBURG
B	43.520	-89.770	43	5605	22284	9	USA	BARABOO
B	43.330	-89.370	42	5605	22284	8	USA	ARLLINGTON
B	43.300	-89.740	52	5605	22284	18	USA	SAUK CITY
B	43.280	-90.040	49	5604	22284	15	USA	PLAIN
B	43.210	-90.190	54	5604	22284	20	USA	TRI COUNTY
B	43.160	-89.910	41	5605	22284	7	USA	ARENA
B	43.130	-89.320	46	5605	22284	12	USA	MADISON

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
B	43.110	-89.530	47	5605	22284	13	USA	MIDDLETON
B	43.000	-89.740	48	5605	22284	14	USA	MT HOREB
B	42.990	-90.150	44	5604	22284	10	USA	DODGEVILLE
B	32.133	-81.200	36	5043	20245	2	USA	SAVANNAH
B	29.183	-81.050	37	4919	19751	3	USA	DAYTONA BEACH
C	59.350	18.067	190	6084	24502	24830	SWEDEN	STOCKHOLM
C	57.200	-3.833	92	6080	24341	30630	GREAT BRITAIN	AVIEMORE
C	57.200	-2.217	93	6080	24342	30910	GREAT BRITAIN	ABERDEEN
C	56.467	-5.433	94	6079	24340	30911	GREAT BRITAIN	DUNSTAFFNAGE
C	56.433	-2.867	95	6080	24341	31700	GREAT BRITAIN	SHANWELL
C	55.667	12.300	26	6003	24028	61801	DENMARK	COPENHAGEN/TAASTRUP
C	55.367	-7.333	119	6079	24182	39800	IRELAND	MALIN HEAD C.
C	55.317	-3.200	96	6080	24184	31620	GREAT BRITAIN	ESKDALEMUIR
C	55.017	8.417	61	6002	24026	100200	GERMANY	LIST
C	54.883	23.883	154	5921	23866	266290	LITHUANIA	KAUNAS
C	54.650	-6.217	97	5999	24020	39170	GREAT BRITAIN	BELFAST/ALDERGROVE ARPT
C	54.533	9.550	62	5918	23859	100350	GERMANY	SCHLESWIG
C	54.233	-10.000	120	5998	24018	39760	IRELAND	BELMULLET
C	54.183	-7.233	121	5999	24019	39740	IRELAND	CLONES
C	54.183	15.583	160	5919	23862	121000	POLAND	KOLOBRZEG
C	54.150	11.850	63	5918	23860	93781	GERMANY	HEILIGENDAMM
C	53.717	7.150	64	5917	23685	101130	GERMANY	NORDERNEY
C	53.633	10.000	65	5918	23686	101470	GERMANY	HAMBURG/SASEL
C	53.550	-2.917	98	6000	23853	33220	GREAT BRITAIN	AUGHTON
C	53.483	-1.000	99	6000	23854	33600	GREAT BRITAIN	FINNINGLEY
C	53.433	-6.250	122	5999	23851	39690	IRELAND	DUBLIN ARPT
C	53.133	6.583	155	5917	23685	62800	NETHERLANDS	EELDE
C	53.083	-7.883	123	5999	23851	39650	IRELAND	BIRR
C	53.050	8.800	66	5918	23686	102240	GERMANY	BREMEN
C	52.917	4.783	156	5917	23684	62350	NETHERLANDS	DE KOOY
C	52.683	1.683	100	5916	23682	34960	GREAT BRITAIN	HEMSBY
C	52.667	-7.267	124	5999	23851	39600	IRELAND	KILKENNY
C	52.367	13.083	67	5829	23510	93780	GERMANY	POTSDAM
C	52.300	10.450	68	5828	23509	103480	GERMANY	BRAUNSCHWEIG
C	52.283	20.967	161	5831	23514	123720	POLAND	WARSZAWA
C	52.250	8.050	69	5828	23507	103170	GERMANY	OSNABRUECK
C	52.133	-4.567	101	5914	23679	35020	GREAT BRITAIN	ABERPORTH
C	52.100	5.183	157	5827	23506	62800	NETHERLANDS	DE BILT
C	51.933	-10.250	125	5913	23676	39530	IRELAND	VALENTIA OBS.
C	51.833	6.533	70	5827	23507	104060	GERMANY	BOCHOLT
C	51.833	20.800	162	5831	23514	124710	POLAND	BELSK
C	51.783	8.833	71	5828	23506	104300	GERMANY	BAD LIPPSPRINGE
C	51.733	10.600	72	5828	23509	104520	GERMANY	BRAUNLAGE

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
C	51.517	-0.117	102	5915	23681	37780	GREAT BRITAIN	LONDON WEATHER CENTRE
C	51.500	7.083	73	5827	23507	104521	GERMANY	GELSENKIRCHEN
C	51.450	3.600	158	5826	23505	63100	NETHERLANDS	VLISSINGEN
C	51.383	-0.783	103	5915	23681	37630	GREAT BRITAIN	BRACKNELL
C	51.300	9.450	74	5828	23508	104380	GERMANY	KASSEL
C	51.117	13.683	75	5829	23327	94860	GERMANY	DRESDEN/WAHNSDORF
C	51.083	-0.217	104	5915	23503	37740	GREAT BRITAIN	CRAWLEY
C	50.917	5.783	159	5827	23323	63800	NETHERLANDS	MAASTRICHT
C	50.800	4.350	12	5827	23323	64470	BELGIUM	UCCLE
C	50.700	7.150	76	5827	23324	105170	GERMANY	BONN
C	50.583	8.700	77	5828	23325	105320	GERMANY	GIESSEN
C	50.433	12.950	78	5829	23327	95780	GERMANY	FICHTELBERG
C	50.267	10.950	79	5828	23326	106710	GERMANY	COBURG
C	50.250	15.850	21	5829	23329	116480	CZECHIA	HRADEC KRALOVE
C	50.217	-5.317	105	5914	23501	38080	GREAT BRITAIN	CAMBORNE
C	50.067	14.433	22	5829	23328	116481	CZECHIA	PRAHA/KARLOV
C	49.983	7.950	80	5733	23137	106280	GERMANY	GEISENHEIM
C	49.817	3.200	27	5731	23134	70610	FRANCE	ST-QUENTIN
C	49.817	18.150	23	5735	23142	116482	CZECHIA	OSTRAVA/PORUBA
C	49.767	9.967	81	5733	23138	106550	GERMANY	WUERZBURG
C	49.750	6.667	82	5732	23136	106090	GERMANY	TRIER
C	49.517	8.550	83	5733	23137	107290	GERMANY	MANNHEIM
C	49.500	11.083	84	5733	23138	107630	GERMANY	NUERNBERG
C	49.300	4.033	28	5732	23135	70700	FRANCE	REIMS
C	49.300	19.950	163	5736	23143	126250	POLAND	ZAKOPANE
C	49.217	-2.200	106	5825	23319	38950	GREAT BRITAIN	JERSEY ARPT
C	49.217	7.117	85	5732	23136	107080	GERMANY	SAARBRUECKEN
C	49.183	-0.450	29	5825	23320	70270	FRANCE	CAEN
C	49.117	20.083	178	5736	23143	119330	SLOVAKIA	STRBSKE PLESO
C	49.067	13.617	24	5734	23140	114570	CZECHIA	CHURANOV
C	49.017	10.967	86	5733	23138	107610	GERMANY	WEISSENBURG
C	48.883	16.083	25	5735	23141	116980	CZECHIA	KUCHAROVICE
C	48.833	9.200	87	5733	23137	107390	GERMANY	STUTTGART
C	48.817	2.333	30	5731	23134	71560	FRANCE	PARIS/MONTSOURIS
C	48.767	2.017	31	5731	23134	71450	FRANCE	TRAPPES
C	48.683	6.217	32	5732	22944	71800	FRANCE	NANCY/ESSEY
C	48.667	21.733	179	5736	22952	119780	SLOVAKIA	TREBISOV
C	48.583	13.467	88	5734	22948	106930	GERMANY	PASSAU
C	48.550	7.633	33	5733	22945	71900	FRANCE	STRASBOURG
C	48.400	11.700	89	5734	22947	106630	GERMANY	WEIHENSTEPHAN
C	48.250	16.367	3	5735	22949	110350	AUSTRIA	WIEN/HOHE WARTE
C	48.200	16.567	4	5735	22949	110370	AUSTRIA	WIEN/GROSSENZERSDORF
C	48.167	17.117	180	5735	22950	119781	SLOVAKIA	BRATISLAVA

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
C	48.067	-1.733	34	5825	23132	71300	FRANCE	RENNES
C	48.000	7.850	90	5733	22945	108030	GERMANY	FREIBURG
C	47.817	13.733	5	5734	22948	111550	AUSTRIA	FEUERKOGEL
C	47.800	3.550	35	5731	22942	72650	FRANCE	AUXERRE
C	47.800	11.017	91	5733	22946	109620	GERMANY	HOHENPEISSENBERG
C	47.800	13.000	6	5734	22947	111500	AUSTRIA	SALZBURG
C	47.683	16.600	115	5735	22949	128050	HUNGARY	SOPRON
C	47.550	7.583	191	5733	22945	66801	SWITZERLAND	BASEL
C	47.483	8.533	192	5633	22748	66700	SWITZERLAND	ZUERICH/KLOTEN
C	47.483	21.633	116	5637	22755	128820	HUNGARY	DEBRECEN
C	47.450	0.717	36	5631	22744	72400	FRANCE	TOURS
C	47.433	19.183	117	5636	22754	128430	HUNGARY	BUDAPEST
C	47.267	5.083	37	5632	22746	72800	FRANCE	DIJON
C	47.267	11.383	7	5634	22750	111505	AUSTRIA	INNSBRUCK UNIV.
C	47.250	9.350	193	5633	22749	66800	SWITZERLAND	SAENTIS
C	47.167	-1.600	38	5730	22940	72220	FRANCE	NANTES
C	47.167	27.633	172	5638	22759	150900	ROMANIA	IASI
C	47.050	12.950	8	5634	22751	111460	AUSTRIA	SONNBLICK
C	47.000	-2.333	39	5730	22939	72551	FRANCE	NOIRMOUTIER IS.
C	46.867	20.533	118	5636	22755	129701	HUNGARY	SZARVAS
C	46.817	6.950	194	5632	22747	66100	SWITZERLAND	PAYERNE
C	46.800	9.817	195	5633	22749	67801	SWITZERLAND	DAVOS
C	46.783	23.567	173	5637	22756	151200	ROMANIA	CLUJ - NAPOCA
C	46.700	-1.383	40	5730	22940	73060	FRANCE	LA ROCHE-SUR-YON
C	46.650	14.333	9	5634	22751	112310	AUSTRIA	KLAGENFURT
C	46.550	7.983	196	5633	22748	67300	SWITZERLAND	JUNGFRAUJOCH
C	46.467	11.333	126	5634	22750	160200	ITALY	BOLZANO
C	46.433	6.100	197	5632	22747	67020	SWITZERLAND	LA DOLE
C	46.417	9.817	198	5633	22749	67910	SWITZERLAND	CORVATSCH
C	46.300	4.800	41	5632	22746	73850	FRANCE	MACON
C	46.250	6.133	199	5632	22747	67000	SWITZERLAND	GENEVE
C	46.167	8.783	200	5633	22547	67600	SWITZERLAND	LOCARNO - MONTI
C	46.150	-1.150	42	5730	22743	73150	FRANCE	LA ROCHELLE
C	46.067	14.517	201	5635	22551	130150	YUGOSLAVIA	LJUBLJANA/BEZIGRAD
C	45.983	13.033	127	5634	22550	160450	ITALY	UDINE/RIVOLTO
C	45.933	7.700	128	5633	22547	160520	ITALY	PIAN ROSA M.
C	45.917	15.967	19	5635	22551	131260	CROATIA	PUNTIJARKA
C	45.867	1.183	43	5631	22543	74340	FRANCE	LIMOGES
C	45.817	16.033	20	5635	22551	131300	CROATIA	ZAGREB/MAKSIMIR
C	45.783	3.167	44	5631	22544	74600	FRANCE	CLERMONT-FERRAND
C	45.767	21.250	174	5636	22554	152470	ROMANIA	TIMISOARA
C	45.650	13.750	129	5634	22550	161100	ITALY	TRIESTE
C	45.500	12.333	130	5634	22549	161050	ITALY	VENEZIA/TESSERA

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
C	45.500	28.017	175	5638	22558	153100	ROMANIA	GALATI
C	45.433	9.283	131	5633	22548	160800	ITALY	MILANO/LINATE
C	44.833	-0.700	45	5630	22542	75100	FRANCE	BORDEAUX
C	44.783	17.217	202	5531	22346	132420	YUGOSLAVIA	BANJA LUKA
C	44.783	20.533	203	5532	22348	132750	YUGOSLAVIA	BEOGRAD/ZELENO BRDO
C	44.567	6.500	46	5528	22340	75910	FRANCE	EMBRUN
C	44.533	11.300	132	5530	22343	161400	ITALY	BOLOGNA
C	44.500	26.133	176	5534	22351	154200	ROMANIA	BUCURESTI
C	44.433	-1.250	47	5630	22542	75030	FRANCE	BISCAROSSE
C	44.417	8.850	133	5529	22342	161200	ITALY	GENOVA/SESTRI
C	44.233	22.550	204	5533	22349	132950	YUGOSLAVIA	NEGOTIN
C	44.217	28.633	177	5535	22353	154800	ROMANIA	CONSTANTA
C	44.200	10.700	134	5530	22343	161340	ITALY	CIMONE M.
C	44.183	-0.283	48	5630	22542	75170	FRANCE	CAPTIEUX
C	44.183	0.600	49	5527	22337	75240	FRANCE	AGEN
C	44.117	3.017	50	5527	22338	75580	FRANCE	MILLAU
C	44.083	5.050	51	5528	22339	75860	FRANCE	CARPENTRAS
C	43.950	8.167	135	5529	22341	161530	ITALY	MELE C.
C	43.683	10.383	136	5529	22133	161580	ITALY	PISA/S. GIUSTO
C	43.650	7.200	52	5529	22131	76900	FRANCE	NICE
C	43.617	13.367	137	5530	22134	161910	ITALY	FALCONARA MARITTIMA
C	43.583	3.967	53	5528	22129	76430	FRANCE	MONTPELLIER
C	43.467	-3.817	181	5629	22334	80230	SPAIN	SANTANDER
C	43.450	5.233	54	5528	22130	76500	FRANCE	MARSEILLE/MARIGNANE
C	43.417	24.600	13	5534	22141	155260	BULGARIA	PLEVEN
C	43.383	-0.417	55	5630	22336	76100	FRANCE	PAU
C	43.350	-5.867	182	5629	22333	80150	SPAIN	OVIEDO
C	43.283	20.800	205	5533	22139	133780	YUGOSLAVIA	KOPAONIK
C	43.217	2.317	56	5527	22128	76350	FRANCE	CARCASSONNE
C	43.200	27.917	14	5535	22143	155520	BULGARIA	VARNA
C	43.033	6.467	57	5528	22130	76780	FRANCE	TOULON/ILE DU LEVANT
C	42.733	2.867	58	5527	22128	77470	FRANCE	PERPIGNAN
C	42.650	21.150	206	5533	22139	134810	YUGOSLAVIA	PRISTINA
C	42.650	23.383	15	5533	22140	156140	BULGARIA	SOFIA OBS.
C	42.583	23.267	16	5533	22140	156130	BULGARIA	CHERNI VRAH
C	42.483	2.117	59	5419	21914	77471	FRANCE	ODEILLO
C	42.467	-2.383	183	5526	22125	80830	SPAIN	LOGRONO
C	42.433	14.200	138	5423	21921	162300	ITALY	PESCARA
C	42.200	25.333	17	5426	21928	156350	BULGARIA	CHIRPAN
C	42.100	19.100	207	5424	21924	134610	YUGOSLAVIA	BAR
C	42.083	12.217	139	5422	21920	162240	ITALY	VIGNA DI VALLE
C	41.917	8.800	60	5421	21918	77610	FRANCE	AJACCIO
C	41.800	-6.733	164	5524	22122	85750	PORTUGAL	BRAGANCA

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
C	41.800	12.550	140	5422	21920	162390	ITALY	ROMA/CIAMPINO
C	41.533	15.717	141	5423	21922	162610	ITALY	AMENDOLA
C	41.517	23.267	18	5425	21926	157120	BULGARIA	SANDANSKI
C	41.133	-8.600	165	5524	21907	85460	PORTUGAL	PORTO
C	41.050	21.367	208	5425	21706	135830	YUGOSLAVIA	BITOLA
C	40.900	9.517	142	5421	21699	165310	ITALY	OLBIA
C	40.850	14.300	143	5423	21702	162890	ITALY	NAPOLI
C	40.650	17.950	144	5424	21704	163200	ITALY	BRINDISI
C	40.633	8.283	145	5421	21699	165200	ITALY	ALGHERO
C	40.583	22.550	107	5425	21707	166541	GREECE	TRIKALA
C	40.450	-3.717	184	5525	21910	82200	SPAIN	MADRID UNIV.
C	40.417	-7.550	166	5524	21906	85680	PORTUGAL	PENHAS DOURADAS
C	40.200	-8.417	167	5524	21907	85490	PORTUGAL	COIMBRA
C	40.017	15.283	146	5423	21703	163100	ITALY	PALINURO C.
C	39.883	-4.050	185	5417	21691	82720	SPAIN	TOLEDO
C	39.833	-7.483	168	5416	21689	85700	PORTUGAL	CASTELO BRANCO
C	39.550	2.617	186	5307	21472	83010	SPAIN	PALMA DE MALLORCA
C	39.467	-6.333	187	5417	21690	82610	SPAIN	CACERES
C	39.250	9.050	147	5309	21476	165600	ITALY	CAGLIARI/ELMAS
C	39.167	21.000	108	5313	21484	166540	GREECE	ARTA
C	39.000	17.067	148	5312	21481	163500	ITALY	CROTONE
C	38.717	-9.150	169	5416	21465	85350	PORTUGAL	LISBOA
C	38.700	13.183	149	5311	21252	164000	ITALY	USTICA IS.
C	38.667	-27.217	10	5410	21453	85110	AZORES	ANGRA DO HEROISMO
C	38.567	-7.900	170	5416	21466	85570	PORTUGAL	EVORA
C	38.383	23.100	109	5314	21258	166740	GREECE	ALIARTOS
C	38.200	15.550	150	5311	21253	164200	ITALY	MESSINA
C	38.050	23.667	110	5314	21258	167010	GREECE	ATHENS/FILADELFIA
C	38.000	-1.167	188	5418	21470	84300	SPAIN	MURCIA
C	37.983	22.733	111	5314	21258	166900	GREECE	SIKIWNA
C	37.917	12.500	151	5310	21251	164290	ITALY	TRAPANI/BIRGI
C	37.917	21.283	112	5313	21257	166820	GREECE	ANDRAVIDA
C	37.750	-25.667	11	5411	21454	85130	AZORES	PONTA DELGADA
C	37.600	22.783	113	5314	21258	166821	GREECE	ARGOS/PIRGELA
C	37.417	-5.900	189	5305	21240	83910	SPAIN	SEVILLA
C	37.083	14.217	152	5195	21023	164530	ITALY	GELA
C	37.017	-7.967	171	5304	21236	85540	PORTUGAL	FARO ARPT
C	36.867	10.350	2	5194	21020	607151	TUNISIA	SIDI BOUZID
C	36.817	11.967	153	5194	21021	164700	ITALY	PANTELLERIA IS.
C	35.000	24.750	114	5196	20796	167590	GREECE	TYMBAKION
D	59.967	30.300	69	6087	24507	260630	RUSSIA	ST.PETERSBURG/VOEIKOVO
D	59.367	143.200	47	6110	24553	310680	RUSSIA	OKHOTSK
D	56.800	60.633	48	6014	24212	284400	RUSSIA	EKATERINBURG

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
D	55.750	37.567	70	6009	24040	276120	RUSSIA	MOSCOW
D	55.700	37.500	71	6009	24039	276121	RUSSIA	MOSCOW UNIV.
D	54.933	73.400	49	5933	23889	286980	RUSSIA	OMSK
D	53.250	50.450	50	5927	23706	289000	RUSSIA	SAMARA
D	52.967	158.750	51	5953	23758	325400	RUSSIA	PETROPAVLOVSK-KAMCHATSKI
D	52.267	104.350	52	5852	23555	307100	RUSSIA	IRIKUTSK
D	52.017	113.333	53	5854	23560	307580	RUSSIA	CHITA
D	50.400	30.450	72	5833	23336	333450	UKRAINE	KIEV
D	50.350	80.250	33	5846	23361	361770	KAZAKHSTAN	SEMIPALATINSK
D	49.800	92.083	39	5755	23181	442120	MONGOLIA	ULAANGOM
D	49.633	100.167	40	5757	23185	442310	MONGOLIA	MUREN
D	48.517	135.167	54	5766	23013	317350	RUSSIA	KHABAROVSK
D	47.933	106.983	41	5759	22998	442920	MONGOLIA	ULAN BATOR
D	47.750	96.850	42	5756	22992	442720	MONGOLIA	ULIASUTAI
D	46.917	142.733	55	5670	22822	321500	RUSSIA	YUZHNO-SAKHALINSK
D	46.783	61.667	34	5648	22777	357460	KAZAKHSTAN	ARALSKOE MORE
D	46.483	30.633	73	5639	22760	338370	UKRAINE	ODESSA
D	43.333	145.583	17	5569	22211	474200	JAPAN	NEMURO
D	43.117	131.900	56	5565	22203	319600	RUSSIA	VLADIVOSTOK
D	43.050	141.333	18	5567	22209	474120	JAPAN	SAPPORO
D	41.683	44.950	68	5432	21939	375490	GEORGIA	TBILISI
D	41.683	129.683	35	5457	21990	470180	KPDR	KYONGSONG
D	41.267	69.267	62	5439	21954	384570	UZBEKISTAN	TASHKENT
D	39.717	140.100	19	5350	21557	475820	JAPAN	AKITA
D	39.650	141.967	20	5351	21558	475850	JAPAN	MIYAKO
D	39.033	125.783	36	5346	21548	470580	KPDR	P'YONGYANG
D	38.033	125.700	37	5346	21323	470690	KPDR	HAEJU
D	37.750	126.900	57	5347	21325	471050	SOUTH KOREA	KANGNYNG
D	37.567	126.967	58	5346	21324	471080	SOUTH KOREA	SEOUL
D	37.383	136.900	21	5235	21101	476000	JAPAN	WAJIMA
D	36.250	137.967	22	5235	21102	476180	JAPAN	MATSUMOTO
D	36.050	140.133	23	5236	20871	476460	JAPAN	TATENO
D	35.433	133.350	24	5233	20866	477440	JAPAN	YONAGO
D	35.100	129.033	59	5232	20863	471590	SOUTH KOREA	PUSAN
D	34.783	126.383	60	5113	20625	471650	SOUTH KOREA	MOKPO
D	33.583	130.383	25	5114	20388	478070	JAPAN	FUKUOKA
D	33.450	135.767	26	5116	20391	477780	JAPAN	SHIONOMISAKI
D	32.717	133.017	27	5115	20390	478980	JAPAN	SHIMIZU/ASHIZURI
D	31.567	130.550	28	4992	20144	478270	JAPAN	KAGOSHIMA
D	31.550	74.333	43	4973	20106	416400	PAKISTAN	LAHORE CITY
D	30.267	66.917	44	4970	19854	416610	PAKISTAN	QUETTA/SHEIKH MANDA
D	30.200	71.433	45	4972	19857	416750	PAKISTAN	MULTAN
D	28.583	77.200	3	4849	19357	421820	INDIA	NEW DELHI/SAFDARJUNG

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
D	27.083	142.183	29	4743	19147	479710	JAPAN	CHICHIJIMA
D	26.300	73.017	4	4719	19096	423390	INDIA	JODHPUR
D	26.200	127.683	30	4736	18878	479360	JAPAN	NAHA
D	25.567	91.883	5	4725	18852	425160	INDIA	SHILLONG
D	24.900	67.133	46	4585	18572	417800	PAKISTAN	KARACHI ARPT
D	24.333	124.167	31	4606	18614	479180	JAPAN	ISHIGAKIJIMA
D	24.300	153.967	32	4617	18636	479910	JAPAN	MINAMITORISHIMA
D	23.067	72.633	6	4587	18312	426470	INDIA	AHMADABAD
D	22.650	88.450	7	4593	18324	428090	INDIA	CALCUTTA/DUM DUM
D	22.317	114.167	2	4469	18076	450040	HONG KONG	KING'S PARK
D	22.200	113.533	38	4469	18076	450110	MACAU	MACAU
D	21.750	72.200	8	4453	18045	428380	INDIA	BHAUNAGAR
D	21.100	79.050	9	4456	17781	428670	INDIA	NAGPUR/SONEGAON
D	19.117	72.850	10	4318	17505	430030	INDIA	BOMBAY/SANTACRUZ
D	18.533	73.850	11	4318	17232	430630	INDIA	POONA
D	17.717	83.233	12	4322	17239	431490	INDIA	VISHAKHAPATNAM
D	15.483	73.817	13	4181	16679	431920	INDIA	GOA/PANJIM
D	14.633	121.017	66	4060	16437	984300	PHILIPPINES	SCIENCE GARDEN
D	13.733	100.567	61	4052	16142	484550	THAILAND	BANGKOK
D	13.000	80.183	14	4044	16126	432790	INDIA	MADRAS/MINAMBAKKAM
D	10.233	77.467	15	3902	15559	433390	INDIA	KODAIKANAL
D	8.483	76.950	16	3760	14990	433710	INDIA	TRIVANDRUM
D	6.167	102.283	63	3627	14438	486150	MALAYSIA	KOTA BHARU/PENGKALAN CHEPA
D	5.300	100.267	64	3626	14436	486010	MALAYSIA	PINANG/BAYAN LEPAS
D	3.117	101.550	65	3483	13863	486470	MALAYSIA	KUALA LUMPUR/SUBANG
D	1.367	103.983	67	3340	13577	486980	SINGAPORE	SINGAPORE/CHANGI ARPT
E	23.167	-82.350	25	4662	18463	783250	CUBA	HAVANA/CASA BLANCA
E	20.583	-99.200	28	4524	17917	762251	MEXICO	ORIZABITA
E	19.333	-99.183	29	4389	17647	762252	MEXICO	CIUDAD UNIV.
E	16.267	-61.517	26	4267	17128	788970	GUADELOUPE	LE RAIZET
E	14.600	-61.000	27	4129	16575	789250	MARTINIQUE	LE LAMENTIN
E	13.150	-59.617	24	4129	16297	789550	BARBADOS	HUSBANDS
E	11.417	-69.683	8	3985	16009	804030	VENEZUELA	CORO
E	10.600	-66.983	9	3986	15729	804150	VENEZUELA	CARACAS/MAIQUETIA
E	10.583	-62.317	10	3988	15733	804230	VENEZUELA	GUIRIA
E	10.567	-71.733	11	3984	15725	804070	VENEZUELA	MARACAIBO/LA CHINITA
E	10.500	-66.883	12	3986	15729	804160	VENEZUELA	CARACAS/LA CARLOTA
E	10.250	-67.650	13	3986	15728	804130	VENEZUELA	MARACAY
E	10.117	-64.683	14	3987	15731	804190	VENEZUELA	BARCELONA
E	10.067	-69.317	15	3985	15727	804100	VENEZUELA	BARQUISIMETO
E	9.750	-63.183	16	3847	15449	804350	VENEZUELA	MATURIN
E	8.600	-71.183	17	3843	15158	804380	VENEZUELA	MERIDA
E	8.150	-63.550	18	3846	15164	804440	VENEZUELA	CIUDAD BOLIVAR

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
E	7.900	-67.417	19	3845	15161	804500	VENEZUELA	S. FERNANDO DE APURE
E	7.850	-72.450	20	3843	15157	804470	VENEZUELA	S. ANTONIO DEL TACHIRA
E	7.300	-61.450	21	3705	14881	804530	VENEZUELA	TUMEREMO
E	5.600	-67.500	22	3703	14590	804570	VENEZUELA	PUERTO AYACUCHO
E	4.833	-52.367	4	3566	14315	814050	GUIANA	CAYENNE/ROCHAMBEAU
E	4.600	-61.117	23	3562	14306	804620	VENEZUELA	S. ELENA DE UAIREN
E	-5.183	-80.600	5	2978	11990	844010	PERU	PIURA
E	-12.033	-75.317	6	2696	10571	846300	PERU	HUAYAO
E	-16.317	-71.550	7	2417	9457	847520	PERU	AREQUIPA
E	-33.033	-71.600	3	1503	6063	854886	CHILE	VALPARAISO
E	-34.583	-58.483	2	1507	5831	875850	ARGENTINA	BUENOS AIRES CENTR. OBS.
F	33.567	-7.667	27	5188	20536	601550	MOROCCO	CASABLANCA
F	33.067	-16.350	26	5185	20531	85240	MADEIRA	PORTO SANTO
F	31.617	25.900	4	4956	20073	623010	EGYPT	SIDI BARRANI
F	31.333	27.217	5	4957	20074	623060	EGYPT	MERSA MATRUH
F	31.083	33.750	6	4959	19631	623370	EGYPT	EL ARISH
F	30.650	30.700	7	4958	19629	623450	EGYPT	TAHRIR
F	30.133	31.250	8	4958	19629	623690	EGYPT	BAHTIM
F	30.083	31.283	9	4958	19629	623710	EGYPT	CAIRO
F	27.200	31.167	10	4704	19068	623920	EGYPT	ASYUT
F	25.450	30.533	11	4703	18806	624350	EGYPT	EL KHARGA
F	23.967	32.783	12	4573	18547	624140	EGYPT	ASWAN
F	19.167	30.483	50	4302	17473	626500	SUDAN	DONGOLA
F	17.567	33.933	51	4303	17201	626820	SUDAN	HUDEIBA
F	16.650	-14.967	42	4285	17164	616120	SENEGAL	PODOR
F	15.833	36.150	52	4166	16650	627220	SUDAN	AROMA
F	15.667	32.533	53	4165	16648	627230	SUDAN	SHAMBAT OBS.
F	15.650	-13.250	43	4285	16889	616300	SENEGAL	MATAM
F	15.617	-16.217	44	4284	16887	616121	SENEGAL	LOUGA
F	15.383	-15.117	45	4285	16888	616270	SENEGAL	LINGUERE
F	14.733	-17.500	46	4146	16609	616410	SENEGAL	DAKAR/YOFF
F	14.700	-16.467	47	4146	16610	616411	SENEGAL	BAMBEY
F	14.400	33.483	54	4026	16369	627510	SUDAN	WAD MEDANI
F	14.217	35.850	55	4026	16371	627350	SUDAN	SHOWAK
F	13.767	-13.683	48	4147	16612	616870	SENEGAL	TAMBACOUNDA
F	13.617	25.333	56	4022	16063	627600	SUDAN	EL FASHER
F	12.733	34.133	57	4026	16090	627950	SUDAN	ABU NA'AMA
F	12.550	-16.267	49	4146	16331	616950	SENEGAL	ZIGUINCHOR
F	11.467	26.450	58	3882	15802	628080	SUDAN	GHAZALA GAWAZAT
F	11.333	27.817	59	3882	15803	628090	SUDAN	BABANUSA
F	11.000	29.717	60	3883	15522	628100	SUDAN	KADUGLI
F	9.550	31.650	61	3742	15239	628400	SUDAN	MALAKAL
F	6.717	-1.600	13	3729	14928	654420	GHANA	KUMASI

Table 1. Continued

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
F	6.317	5.600	40	3589	14648	652290	NIGERIA	BENIN CITY
F	4.867	31.600	62	3455	14095	629410	SUDAN	JUBA
F	3.933	41.867	14	3459	14103	636240	KENYA	MANDERA
F	3.117	35.617	15	3457	13610	636120	KENYA	LODWAR
F	2.783	24.783	63	3452	13601	640340	ZAIRE	BUTA
F	1.017	35.000	16	3313	13234	636610	KENYA	KITALE
F	0.533	35.283	17	3313	13234	636660	KENYA	ELDORET
F	0.050	18.267	64	3306	13220	640050	ZAIRE	MBANDAKA
F	-0.100	34.750	18	3168	12945	637060	KENYA	KISUMU
F	-0.267	36.100	19	3169	12946	637140	KENYA	NAKURU
F	-0.467	39.633	20	3170	12949	637230	KENYA	GARISSA
F	-1.133	35.833	21	3169	12946	637370	KENYA	NAROK
F	-1.300	36.750	22	3169	12659	637410	KENYA	NAIROBI/DAGORETTI
F	-1.317	36.917	23	3169	12659	637400	KENYA	NAIROBI/KENYATTA ARPT
F	-1.967	18.267	65	3162	12644	641150	ZAIRE	INONGO
F	-3.233	40.100	24	3027	12374	637990	KENYA	MALINDI
F	-3.400	38.567	25	3026	12372	637930	KENYA	VOI
F	-4.367	15.250	66	3017	12067	642200	ZAIRE	KINSHASA/BINZA
F	-5.683	22.417	67	2876	11785	642350	ZAIRE	KANANGA
F	-7.400	20.817	2	2876	11496	661520	ANGOLA	DUNDO
F	-8.850	13.233	3	2731	10923	661600	ANGOLA	LUANDA
F	-12.967	40.500	28	2460	10099	672150	MOZAMBIQUE	PEMBA
F	-15.033	40.667	29	2322	9543	672410	MOZAMBIQUE	LUMBO
F	-15.100	39.283	30	2322	9542	672370	MOZAMBIQUE	NAMPULA
F	-16.183	33.583	31	2319	9537	672610	MOZAMBIQUE	TETE
F	-17.833	31.017	68	2182	8985	677740	ZIMBABWE	HARARE/BELVEDERE
F	-19.117	33.467	32	2183	8715	672950	MOZAMBIQUE	CHIMOIO
F	-19.800	34.900	33	2184	8716	672970	MOZAMBIQUE	BEIRA
F	-20.150	28.617	69	2047	8441	679640	ZIMBABWE	BULAWAYO/GOETZ OBS.
F	-20.883	55.517	41	2057	8461	619600	REUNION	ST-DENIS/GILLOT
F	-23.867	35.383	34	1917	7651	673230	MOZAMBIQUE	INHAMBANE
F	-24.517	33.000	35	1917	7650	673231	MOZAMBIQUE	CHOKWE
F	-24.733	33.533	36	1917	7650	673232	MOZAMBIQUE	MANIQUENIQUE
F	-25.917	32.567	37	1787	7389	673410	MOZAMBIQUE	MAPUTO/MAVALANE
F	-25.967	32.600	38	1787	7389	673411	MOZAMBIQUE	MAPUTO
F	-26.050	32.383	39	1787	7389	673412	MOZAMBIQUE	UMBELUZI
G	-12.400	130.867	2	2636	10450	941200	AUSTRALIA	DARWIN ARPT
G	-12.467	130.833	3	2636	10450	941210	AUSTRALIA	DARWIN
G	-16.300	149.983	4	2364	9350	942990	AUSTRALIA	WILLIS IS.
G	-17.750	177.450	28	2238	9097	916800	FIJI	NANDI
G	-18.050	178.567	29	2238	9097	916900	FIJI	SUVA/LAUCALA BAY
G	-18.217	127.650	5	2219	9059	942120	AUSTRALIA	HALLS CREEK ARPT
G	-20.367	118.617	6	2081	8508	943120	AUSTRALIA	PORT HEDLAND ARPT

Table 1. Concluded

Appendix Region Designator	Latitude 0 to 90 N (+) 0 to 90 S (-)	Longitude 0 to 180 E (+) 0 to 180 W (-)	Appendix Site Number	ISCCP Cell Number	R1 CERES Cell Number	Actual Site Number	Station Name Country	Station Name City
G	-20.567	164.283	30	2096	8543	915770	NEW CALEDONIA	KOUMAC
G	-23.383	150.467	7	1960	7996	943740	AUSTRALIA	ROCKHAMPTON ARPT
G	-23.433	144.267	8	1957	7994	943460	AUSTRALIA	LONGREACH ARPT
G	-23.800	133.900	9	1954	7723	943260	AUSTRALIA	ALICE SPRINGS ARPT
G	-27.433	153.083	10	1830	7218	945780	AUSTRALIA	BRISBANE ARPT
G	-28.783	114.700	11	1690	6683	944030	AUSTRALIA	GERALDTON ARPT
G	-30.767	121.450	12	1568	6439	946370	AUSTRALIA	KALGOORLIE ARPT
G	-30.833	128.100	13	1570	6444	946460	AUSTRALIA	FORREST ARPT
G	-31.133	136.817	14	1573	6450	946590	AUSTRALIA	WOOMERA
G	-31.933	115.950	15	1566	6189	946100	AUSTRALIA	PERTH ARPT
G	-32.783	151.817	16	1457	5971	947760	AUSTRALIA	WILLIAMTOWN ARPT
G	-33.950	151.183	17	1457	5731	947670	AUSTRALIA	SYDNEY ARPT
G	-34.233	142.083	18	1454	5725	946930	AUSTRALIA	MILDURA ARPT
G	-34.933	138.517	19	1453	5723	946720	AUSTRALIA	ADELAIDE ARPT
G	-34.950	117.800	20	1446	5709	948020	AUSTRALIA	ALBANY ARPT
G	-35.150	147.450	21	1338	5493	949100	AUSTRALIA	WAGGA WAGGA ARPT
G	-35.300	149.183	22	1339	5494	949260	AUSTRALIA	CANBERRA ARPT
G	-37.017	174.800	31	1347	5279	931190	NEW ZEALAND	AUCKLAND ARPT
G	-37.733	140.783	23	1222	5029	948210	AUSTRALIA	MOUNT GAMBIER ARPT
G	-37.817	144.967	24	1224	5032	948660	AUSTRALIA	MELBOURNE
G	-37.850	144.733	25	1224	5032	948650	AUSTRALIA	LAVERTON
G	-40.200	175.367	32	1123	4605	934010	NEW ZEALAND	OHAKEA
G	-41.283	174.767	33	1123	4388	934340	NEW ZEALAND	WELLINGTON/KELBURN
G	-42.833	147.500	26	1009	4161	949750	AUSTRALIA	HOBART ARPT
G	-43.483	172.550	34	1016	4175	937800	NEW ZEALAND	CHRISTCHURCH ARPT
G	-43.983	170.467	35	1016	3966	937390	NEW ZEALAND	MOUNT JOHN
G	-46.417	168.333	36	913	3563	938440	NEW ZEALAND	INVERCARGILL
G	-54.483	158.967	27	634	2463	949960	AUSTRALIA	MACQUARIE IS.
I	-90.000	0.000	2	1	1	1	USA	SOUTH POLE

TABLE 2. Monthly Statistics

Table 2. Monthly Statistics

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	15	82.50	-62.33	SrfDwn	0	0	22	112	253	284	212	126	47	0	0	0
A	15	82.50	-62.33	TocDwn	0	0	45	230	428	514	472	310	99	4	0	0
A	15	82.50	-62.33	CosZAvg	0.000	0.000	0.032	0.170	0.321	0.389	0.357	0.233	0.073	0.003	0.000	0.000
A	15	82.50	-62.33	TransMax	******	******	0.828	0.721	0.763	0.773	0.721	0.628	0.536	******	******	******
A	15	82.50	-62.33	TransMin	******	******	0.350	0.443	0.433	0.293	0.139	0.202	0.188	******	******	******
A	15	82.50	-62.33	TransT5	******	******	0.817	0.708	0.754	0.772	0.716	0.620	0.536	******	******	******
A	15	82.50	-62.33	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	15	82.50	-62.33	Transl5	******	******	******	******	******	0.566	0.567	******	0.266	******	******	******
A	15	82.50	-62.33	Transl10	******	******	******	0.517	0.539	0.510	0.607	******	0.266	******	******	******
A	2	80.62	58.05	SrfDwn	0	1	28	138	226	278	240	95	41	5	0	0
A	2	80.62	58.05	TocDwn	0	0	56	230	424	511	471	311	112	9	0	0
A	2	80.62	58.05	CosZAvg	0.000	0.000	0.041	0.170	0.318	0.386	0.356	0.233	0.083	0.006	0.000	0.000
A	2	80.62	58.05	TransMax	******	******	0.689	0.708	0.715	0.776	0.734	0.478	0.594	******	******	******
A	2	80.62	58.05	TransMin	******	******	0.301	0.444	0.403	0.297	0.135	0.104	0.176	******	******	******
A	2	80.62	58.05	TransT5	******	******	0.687	0.695	0.700	0.758	0.727	0.478	0.594	******	******	******
A	2	80.62	58.05	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	2	80.62	58.05	Transl5	******	******	******	******	******	******	******	******	0.271	******	******	******
A	2	80.62	58.05	Transl10	******	******	******	******	0.506	0.776	0.561	******	0.346	******	******	******
A	16	79.98	-85.93	SrfDwn	0	1	33	133	255	303	******	125	56	6	0	0
A	16	79.98	-85.93	TocDwn	0	1	62	234	425	510	******	307	114	10	0	0
A	16	79.98	-85.93	CosZAvg	0.000	0.000	0.045	0.173	0.319	0.386	******	0.231	0.084	0.007	0.000	0.000
A	16	79.98	-85.93	TransMax	******	******	0.704	0.716	0.724	0.737	******	0.672	0.714	0.976	******	******
A	16	79.98	-85.93	TransMin	******	******	0.291	0.379	0.439	0.253	******	0.170	0.216	0.455	******	******
A	16	79.98	-85.93	TransT5	******	******	0.698	0.716	0.705	0.725	******	0.659	0.714	0.976	******	******
A	16	79.98	-85.93	Transl0	******	******	0.691	0.599	******	******	******	******	0.661	******	******	******
A	16	79.98	-85.93	Transl5	******	******	0.590	0.598	0.676	******	******	******	0.476	******	******	******
A	16	79.98	-85.93	Transl10	******	******	0.599	0.578	0.648	0.715	******	******	0.506	******	******	******
A	3	77.72	104.28	SrfDwn	0	2	41	144	259	284	243	125	41	9	0	0
A	3	77.72	104.28	TocDwn	0	3	75	236	419	506	467	310	131	20	0	0
A	3	77.72	104.28	CosZAvg	0.000	0.002	0.055	0.174	0.314	0.383	0.353	0.233	0.097	0.014	0.000	0.000
A	3	77.72	104.28	TransMax	******	******	0.699	0.734	0.793	0.772	0.755	0.621	0.527	0.667	******	******
A	3	77.72	104.28	TransMin	******	******	0.350	0.375	0.420	0.272	0.221	0.206	0.133	0.295	******	******
A	3	77.72	104.28	TransT5	******	******	0.695	0.715	0.777	0.750	0.742	0.619	0.527	0.656	******	******
A	3	77.72	104.28	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	3	77.72	104.28	Transl5	******	******	******	******	0.598	******	******	******	0.416	******	******	******
A	3	77.72	104.28	Transl10	******	******	0.660	0.595	0.625	0.656	0.697	0.370	0.275	******	******	******
A	17	76.23	-119.33	SrfDwn	0	4	43	149	244	258	172	122	49	8	0	0
A	17	76.23	-119.33	TocDwn	0	7	89	244	420	503	462	307	138	26	0	0
A	17	76.23	-119.33	CosZAvg	0.000	0.005	0.064	0.181	0.315	0.381	0.350	0.231	0.102	0.019	0.000	0.000
A	17	76.23	-119.33	TransMax	******	******	0.641	0.681	0.733	0.736	0.649	0.643	0.608	0.953	******	******
A	17	76.23	-119.33	TransMin	******	******	0.271	0.456	0.448	0.174	0.180	0.220	0.216	0.327	******	******
A	17	76.23	-119.33	TransT5	******	******	0.641	0.672	0.727	0.736	0.649	0.632	0.608	0.953	******	******
A	17	76.23	-119.33	Transl0	******	******	******	0.666	******	******	******	******	0.608	******	******	******
A	17	76.23	-119.33	Transl5	******	******	0.489	0.608	0.653	0.694	******	******	0.608	******	******	******
A	17	76.23	-119.33	Transl10	******	******	0.471	0.625	0.615	0.615	0.552	0.435	0.450	******	******	******
A	4	76.00	137.90	SrfDwn	0	4	******	******	243	216	162	111	36	10	0	0
A	4	76.00	137.90	TocDwn	0	7	******	******	416	502	464	312	143	29	0	0
A	4	76.00	137.90	CosZAvg	0.000	0.005	******	******	0.312	0.380	0.351	0.234	0.106	0.021	0.000	0.000
A	4	76.00	137.90	TransMax	******	******	******	******	0.691	0.644	0.568	0.634	0.466	0.901	******	******
A	4	76.00	137.90	TransMin	******	******	******	******	0.464	0.177	0.165	0.124	0.141	0.235	******	******
A	4	76.00	137.90	TransT5	******	******	******	******	0.681	0.644	0.558	0.625	0.466	0.901	******	******
A	4	76.00	137.90	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	4	76.00	137.90	Transl5	******	******	******	******	******	******	******	******	0.290	******	******	******
A	4	76.00	137.90	Transl10	******	******	******	******	0.679	******	******	******	0.259	******	******	******
A	18	74.72	-94.98	SrfDwn	0	7	57	153	231	271	183	83	57	14	0	0
A	18	74.72	-94.98	TocDwn	0	12	99	250	416	500	459	309	149	34	0	0
A	18	74.72	-94.98	CosZAvg	0.000	0.008	0.072	0.185	0.312	0.378	0.347	0.232	0.110	0.025	0.000	0.000
A	18	74.72	-94.98	TransMax	******	0.711	0.783	0.712	0.760	0.715	0.647	0.479	0.676	0.875	******	******
A	18	74.72	-94.98	TransMin	******	0.298	0.313	0.398	0.331	0.309	0.127	0.193	0.244	0.282	******	******
A	18	74.72	-94.98	TransT5	******	0.711	0.783	0.697	0.747	0.695	0.628	0.479	0.676	0.875	******	******
A	18	74.72	-94.98	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	18	74.72	-94.98	Transl5	******	******	******	0.712	0.628	0.613	******	******	0.391	******	******	******
A	18	74.72	-94.98	Transl10	******	******	******	0.712	0.674	0.568	0.529	******	0.391	******	******	******
A	5	73.50	80.40	SrfDwn	0	8	59	153	218	178	215	108	42	13	1	0
A	5	73.50	80.40	TocDwn	0	16	106	253	412	496	458	314	159	43	1	0
A	5	73.50	80.40	CosZAvg	0.000	0.011	0.077	0.187	0.309	0.376	0.346	0.236	0.118	0.031	0.000	0.000
A	5	73.50	80.40	TransMax	******	0.778	0.715	0.768	0.782	0.653	0.737	0.600	0.487	0.650	******	******
A	5	73.50	80.40	TransMin	******	0.330	0.312	0.265	0.266	0.123	0.146	0.055	0.049	0.206	******	******
A	5	73.50	80.40	TransT5	******	0.778	0.700	0.768	0.757	0.653	0.719	0.598	0.487	0.650	******	******
A	5	73.50	80.40	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	5	73.50	80.40	Transl5	******	******	0.463	******	******	******	******	******	******	******	******	******
A	5	73.50	80.40	Transl10	******	******	0.463	******	0.720	0.653	0.701	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	19	72.00	-125.27	SrfDwn	0	13	72	183	248	281	287	******	******	******	0	0
A	19	72.00	-125.27	TOADwn	0	24	119	263	412	493	452	******	******	******	2	0
A	19	72.00	-125.27	CosZAvg	0.000	0.017	0.086	0.194	0.309	0.373	0.342	******	******	******	0.001	0.000
A	19	72.00	-125.27	TransMax	******	0.817	0.754	0.767	0.774	0.751	0.747	******	******	******	******	******
A	19	72.00	-125.27	TransMin	******	0.389	0.397	0.495	0.453	0.323	0.339	******	******	******	******	******
A	19	72.00	-125.27	TransT5	******	0.817	0.754	0.748	0.761	0.737	0.742	******	******	******	******	******
A	19	72.00	-125.27	Trans10	******	******	0.680	******	******	******	******	******	******	******	******	******
A	19	72.00	-125.27	Trans15	******	******	0.627	0.767	******	******	******	******	******	******	******	******
A	19	72.00	-125.27	Trans110	******	******	0.645	0.748	0.604	******	0.624	******	******	******	******	******
A	6	70.97	-178.53	SrfDwn	0	14	76	171	232	277	208	134	62	27	2	0
A	6	70.97	-178.53	TOADwn	0	30	127	269	412	490	449	317	173	57	4	0
A	6	70.97	-178.53	CosZAvg	0.000	0.022	0.092	0.199	0.309	0.371	0.340	0.238	0.128	0.042	0.003	0.000
A	6	70.97	-178.53	TransMax	******	0.828	0.729	0.827	0.771	0.742	0.709	0.724	0.719	0.802	******	******
A	6	70.97	-178.53	TransMin	******	0.267	0.332	0.415	0.397	0.307	0.074	0.169	0.101	0.207	******	******
A	6	70.97	-178.53	TransT5	******	0.617	0.709	0.827	0.771	0.739	0.695	0.724	0.719	0.802	******	******
A	6	70.97	-178.53	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
A	6	70.97	-178.53	Trans15	******	******	0.471	0.575	0.475	******	******	0.454	0.245	******	******	******
A	6	70.97	-178.53	Trans110	******	******	0.471	0.612	0.540	0.519	0.620	0.420	0.245	******	******	******
A	7	70.63	162.40	SrfDwn	0	15	75	185	250	282	243	132	55	23	3	0
A	7	70.63	162.40	TOADwn	0	30	126	266	407	488	451	323	179	62	5	0
A	7	70.63	162.40	CosZAvg	0.000	0.021	0.091	0.196	0.305	0.369	0.342	0.242	0.133	0.045	0.004	0.000
A	7	70.63	162.40	TransMax	******	0.831	0.733	0.803	0.795	0.775	0.746	0.681	0.494	0.643	******	******
A	7	70.63	162.40	TransMin	******	0.312	0.394	0.447	0.364	0.239	0.162	0.132	0.182	0.169	******	******
A	7	70.63	162.40	TransT5	******	0.831	0.716	0.781	0.778	0.774	0.735	0.681	0.488	0.627	******	******
A	7	70.63	162.40	Trans10	******	******	******	0.608	******	******	******	******	******	******	******	******
A	7	70.63	162.40	Trans15	******	******	0.597	0.660	0.625	******	******	0.681	******	******	******	******
A	7	70.63	162.40	Trans110	******	******	0.635	0.589	0.667	0.620	******	0.615	0.262	0.398	******	******
A	20	69.10	-105.12	SrfDwn	1	21	87	184	237	268	228	152	65	32	******	0
A	20	69.10	-105.12	TOADwn	2	41	140	277	410	484	445	324	186	70	******	0
A	20	69.10	-105.12	CosZAvg	0.002	0.029	0.101	0.205	0.307	0.366	0.337	0.244	0.138	0.051	******	0.000
A	20	69.10	-105.12	TransMax	******	0.719	0.752	0.762	0.769	0.727	0.699	0.722	0.645	0.472	******	******
A	20	69.10	-105.12	TransMin	******	0.242	0.444	0.411	0.304	0.336	0.246	0.187	0.134	0.273	******	******
A	20	69.10	-105.12	TransT5	******	0.712	0.738	0.747	0.756	0.713	0.682	0.701	0.639	0.472	******	******
A	20	69.10	-105.12	Trans10	******	******	0.660	0.611	******	******	******	******	******	******	******	******
A	20	69.10	-105.12	Trans15	******	******	0.645	0.661	******	0.499	******	******	0.633	******	******	******
A	20	69.10	-105.12	Trans110	******	0.346	0.624	0.677	0.709	0.622	******	0.693	0.610	0.472	******	******
A	21	68.78	-81.25	SrfDwn	1	21	81	170	211	279	219	146	70	42	4	0
A	21	68.78	-81.25	TOADwn	3	43	142	279	410	483	445	326	189	73	10	0
A	21	68.78	-81.25	CosZAvg	0.002	0.030	0.103	0.206	0.307	0.365	0.337	0.245	0.140	0.053	0.007	0.000
A	21	68.78	-81.25	TransMax	******	0.831	0.734	0.751	0.742	0.731	0.701	0.689	0.624	0.581	******	******
A	21	68.78	-81.25	TransMin	******	0.303	0.313	0.437	0.321	0.322	0.267	0.186	0.112	0.235	******	******
A	21	68.78	-81.25	TransT5	******	0.831	0.717	0.740	0.725	0.714	0.687	0.682	0.618	0.575	******	******
A	21	68.78	-81.25	Trans10	******	******	******	******	******	******	******	******	0.592	******	******	******
A	21	68.78	-81.25	Trans15	******	******	******	******	******	******	******	******	0.592	******	******	******
A	21	68.78	-81.25	Trans110	******	******	******	0.503	0.559	0.711	******	******	0.520	******	******	******
A	8	68.50	112.43	SrfDwn	1	22	89	188	239	250	212	151	67	29	5	0
A	8	68.50	112.43	TOADwn	3	43	141	278	408	482	446	329	193	76	11	0
A	8	68.50	112.43	CosZAvg	0.002	0.031	0.103	0.205	0.306	0.364	0.338	0.247	0.143	0.056	0.008	0.000
A	8	68.50	112.43	TransMax	******	0.865	0.866	0.836	0.825	0.812	0.798	0.788	0.750	0.632	******	******
A	8	68.50	112.43	TransMin	******	0.226	0.304	0.330	0.264	0.082	0.135	0.046	0.139	0.109	******	******
A	8	68.50	112.43	TransT5	******	0.865	0.866	0.820	0.810	0.798	0.776	0.773	0.750	0.622	******	******
A	8	68.50	112.43	Trans10	******	******	0.699	******	******	******	0.766	******	******	0.596	******	******
A	8	68.50	112.43	Trans15	******	******	0.659	0.769	0.721	0.749	0.761	0.758	******	0.495	******	******
A	8	68.50	112.43	Trans110	******	******	0.653	0.770	0.729	0.681	0.761	0.739	******	0.484	******	******
A	22	68.32	-133.53	SrfDwn	2	19	86	181	235	276	198	137	100	******	5	0
A	22	68.32	-133.53	TOADwn	4	46	145	282	410	482	444	327	191	******	11	0
A	22	68.32	-133.53	CosZAvg	0.003	0.033	0.106	0.208	0.308	0.364	0.336	0.246	0.142	******	0.008	0.000
A	22	68.32	-133.53	TransMax	******	0.729	0.683	0.741	0.761	0.725	0.694	0.650	0.669	******	******	******
A	22	68.32	-133.53	TransMin	******	0.201	0.388	0.343	0.319	0.252	0.191	0.139	0.158	******	******	******
A	22	68.32	-133.53	TransT5	******	0.714	0.681	0.726	0.742	0.706	0.685	0.650	0.656	******	******	******
A	22	68.32	-133.53	Trans10	******	******	0.655	******	******	******	******	******	******	******	******	******
A	22	68.32	-133.53	Trans15	******	******	0.575	0.405	0.726	0.701	******	******	0.656	******	******	******
A	22	68.32	-133.53	Trans110	******	0.329	0.566	0.675	0.728	0.701	******	0.563	0.656	******	******	******
A	36	67.83	20.43	SrfDwn	1	20	85	147	140	240	186	113	66	29	5	1
A	36	67.83	20.43	TOADwn	4	48	147	282	409	480	444	331	196	80	14	0
A	36	67.83	20.43	CosZAvg	0.003	0.034	0.107	0.208	0.307	0.363	0.336	0.248	0.145	0.058	0.010	0.000
A	36	67.83	20.43	TransMax	******	0.747	0.704	0.765	0.641	0.706	0.648	0.670	0.688	0.718	******	******
A	36	67.83	20.43	TransMin	******	0.035	0.215	0.178	0.095	0.061	0.053	0.097	0.110	0.048	******	******
A	36	67.83	20.43	TransT5	******	0.747	0.696	0.756	0.641	0.686	0.635	0.654	0.688	0.718	******	******
A	36	67.83	20.43	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
A	36	67.83	20.43	Trans15	******	******	******	******	******	******	******	0.670	******	******	******	******
A	36	67.83	20.43	Trans110	******	******	******	******	******	******	******	0.670	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	9	67.55	133.38	SrfDwn	3	27	93	194	221	252	222	136	88	37	7	0
A	9	67.55	133.38	ToaDwn	5	49	148	282	408	478	445	333	199	83	15	0
A	9	67.55	133.38	CosZAvg	0.004	0.035	0.107	0.208	0.306	0.362	0.337	0.250	0.148	0.080	0.011	0.000
A	9	67.55	133.38	TransMax	******	0.706	0.730	0.774	0.756	0.748	0.709	0.698	0.691	0.656	0.746	******
A	9	67.55	133.38	TransMin	******	0.257	0.342	0.364	0.261	0.188	0.236	0.052	0.225	0.186	0.305	******
A	9	67.55	133.38	TransT5	******	0.698	0.716	0.752	0.737	0.725	0.702	0.681	0.677	0.641	0.746	******
A	9	67.55	133.38	Transl0	******	******	******	0.754	******	******	******	******	******	******	******	******
A	9	67.55	133.38	Transl5	******	******	0.653	0.741	0.648	******	0.643	0.674	******	0.378	******	******
A	9	67.55	133.38	Transl10	******	******	0.657	0.738	0.700	0.706	0.686	0.674	0.602	0.422	******	******
A	29	67.37	26.65	SrfDwn	2	25	48	146	157	249	182	115	65	27	4	0
A	29	67.37	26.65	ToaDwn	6	51	150	285	410	478	444	333	199	83	16	0
A	29	67.37	26.65	CosZAvg	0.004	0.036	0.109	0.210	0.307	0.362	0.336	0.250	0.148	0.081	0.011	0.000
A	29	67.37	26.65	TransMax	******	0.669	0.733	0.756	0.660	0.714	0.694	0.676	0.659	0.640	******	******
A	29	67.37	26.65	TransMin	******	0.156	0.112	0.177	0.110	0.109	0.090	0.076	0.154	0.046	******	******
A	29	67.37	26.65	TransT5	******	0.658	0.733	0.738	0.646	0.704	0.686	0.663	0.651	0.640	******	******
A	29	67.37	26.65	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	29	67.37	26.65	Transl5	******	0.669	0.181	0.734	******	0.693	******	******	******	0.640	******	******
A	29	67.37	26.65	Transl10	******	0.622	0.272	0.734	******	0.693	******	******	******	0.595	******	******
A	10	65.78	67.95	SrfDwn	5	29	85	159	238	203	205	170	82	30	9	2
A	10	65.78	67.95	ToaDwn	11	61	161	292	411	474	444	339	210	95	24	2
A	10	65.78	67.95	CosZAvg	0.008	0.043	0.117	0.216	0.308	0.359	0.336	0.255	0.156	0.089	0.017	0.002
A	10	65.78	67.95	TransMax	******	0.695	0.776	0.798	0.811	0.701	0.702	0.709	0.675	0.683	0.674	******
A	10	65.78	67.95	TransMin	******	0.252	0.300	0.161	0.170	0.203	0.125	0.134	0.107	0.054	0.163	******
A	10	65.78	67.95	TransT5	******	0.695	0.771	0.796	0.797	0.701	0.692	0.691	0.675	0.671	0.674	******
A	10	65.78	67.95	Transl0	******	******	0.722	******	******	******	******	******	******	0.517	******	******
A	10	65.78	67.95	Transl5	******	******	0.667	0.681	0.784	******	******	******	0.616	0.517	******	******
A	10	65.78	67.95	Transl10	******	******	0.667	0.696	0.747	0.649	******	******	0.646	0.427	******	******
A	37	65.55	22.13	SrfDwn	4	33	55	149	176	276	214	121	83	35	7	2
A	37	65.55	22.13	ToaDwn	12	63	163	294	412	474	443	339	211	96	25	3
A	37	65.55	22.13	CosZAvg	0.009	0.045	0.118	0.217	0.309	0.359	0.336	0.255	0.156	0.070	0.018	0.002
A	37	65.55	22.13	TransMax	******	0.680	0.679	0.742	0.699	0.711	0.714	0.696	0.687	0.656	0.603	******
A	37	65.55	22.13	TransMin	******	0.195	0.117	0.143	0.116	0.255	0.091	0.056	0.079	0.031	0.049	******
A	37	65.55	22.13	TransT5	******	0.643	0.663	0.724	0.679	0.691	0.704	0.675	0.672	0.639	0.595	******
A	37	65.55	22.13	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	37	65.55	22.13	Transl5	******	0.634	0.474	0.623	0.645	0.701	******	******	0.687	0.656	******	******
A	37	65.55	22.13	Transl10	******	0.632	0.431	0.666	0.659	0.698	******	******	0.693	0.648	******	******
A	23	65.28	-126.80	SrfDwn	5	27	93	172	261	264	237	164	101	31	9	2
A	23	65.28	-126.80	ToaDwn	14	66	167	297	414	474	442	339	211	96	25	4
A	23	65.28	-126.80	CosZAvg	0.010	0.047	0.121	0.219	0.311	0.358	0.335	0.255	0.156	0.070	0.018	0.003
A	23	65.28	-126.80	TransMax	******	0.592	0.719	0.743	0.745	0.734	0.711	0.698	0.691	0.544	0.730	******
A	23	65.28	-126.80	TransMin	******	0.198	0.322	0.208	0.262	0.128	0.180	0.134	0.134	0.087	0.183	******
A	23	65.28	-126.80	TransT5	******	0.576	0.700	0.728	0.726	0.718	0.693	0.686	0.678	0.544	0.730	******
A	23	65.28	-126.80	Transl0	******	******	0.633	******	******	******	******	******	0.658	******	******	******
A	23	65.28	-126.80	Transl5	******	0.513	0.610	0.726	0.731	0.734	0.666	0.643	0.657	0.250	******	******
A	23	65.28	-126.80	Transl10	******	0.513	0.614	0.718	0.729	0.714	0.647	0.643	0.625	0.250	******	******
A	35	64.58	40.50	SrfDwn	3	33	55	151	217	268	229	148	75	21	5	2
A	35	64.58	40.50	ToaDwn	17	69	170	299	414	473	444	343	217	103	30	6
A	35	64.58	40.50	CosZAvg	0.012	0.049	0.123	0.221	0.310	0.358	0.336	0.258	0.161	0.075	0.021	0.004
A	35	64.58	40.50	TransMax	******	0.785	0.641	0.874	0.789	0.798	0.789	0.745	0.661	0.541	******	******
A	35	64.58	40.50	TransMin	******	0.231	0.145	0.141	0.118	0.128	0.207	0.045	0.079	0.033	******	******
A	35	64.58	40.50	TransT5	******	0.785	0.641	0.874	0.766	0.783	0.789	0.739	0.657	0.541	******	******
A	35	64.58	40.50	Transl0	******	******	0.588	******	******	******	******	******	******	******	******	******
A	35	64.58	40.50	Transl5	******	0.607	0.489	0.748	0.707	0.740	0.703	0.687	******	0.108	******	******
A	35	64.58	40.50	Transl10	******	0.554	0.489	0.724	0.707	0.755	0.703	0.687	******	0.108	******	******
A	24	64.30	-96.00	SrfDwn	8	38	111	210	237	250	241	166	86	46	18	4
A	24	64.30	-96.00	ToaDwn	18	72	173	302	416	473	443	343	217	103	31	7
A	24	64.30	-96.00	CosZAvg	0.013	0.051	0.126	0.223	0.312	0.358	0.336	0.258	0.161	0.075	0.022	0.005
A	24	64.30	-96.00	TransMax	0.633	0.699	0.747	0.798	0.815	0.788	0.736	0.712	0.697	0.740	0.839	******
A	24	64.30	-96.00	TransMin	0.296	0.362	0.381	0.455	0.172	0.183	0.251	0.100	0.219	0.227	0.323	******
A	24	64.30	-96.00	TransT5	0.625	0.699	0.727	0.780	0.797	0.769	0.720	0.705	0.697	0.740	0.819	******
A	24	64.30	-96.00	Transl0	******	******	0.710	0.712	0.805	******	******	******	******	0.388	******	******
A	24	64.30	-96.00	Transl5	******	0.419	0.669	0.740	0.663	******	******	******	0.637	0.388	******	******
A	24	64.30	-96.00	Transl10	******	0.419	0.647	0.744	0.667	******	0.674	******	0.637	0.313	******	******
A	25	64.20	-83.37	SrfDwn	9	41	110	212	260	275	232	145	84	57	20	4
A	25	64.20	-83.37	ToaDwn	19	72	174	302	416	473	443	344	218	104	31	7
A	25	64.20	-83.37	CosZAvg	0.013	0.052	0.126	0.223	0.312	0.358	0.336	0.258	0.162	0.076	0.023	0.005
A	25	64.20	-83.37	TransMax	0.720	0.753	0.775	0.809	0.799	0.793	0.742	0.654	0.697	0.681	0.647	******
A	25	64.20	-83.37	TransMin	0.275	0.282	0.439	0.400	0.298	0.249	0.155	0.110	0.108	0.236	0.301	******
A	25	64.20	-83.37	TransT5	0.720	0.739	0.748	0.792	0.786	0.774	0.727	0.654	0.689	0.673	0.647	******
A	25	64.20	-83.37	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	25	64.20	-83.37	Transl5	******	******	0.517	******	0.777	******	******	******	******	******	******	******
A	25	64.20	-83.37	Transl10	******	******	0.517	0.596	0.691	0.750	0.715	******	0.696	0.629	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	33	64.13	-21.90	SrfDwn	5	27	76	139	212	149	226	164	93	40	9	2
A	33	64.13	-21.90	ToaDwn	19	72	174	302	415	473	444	344	219	105	32	8
A	33	64.13	-21.90	CosZAvg	0.013	0.052	0.126	0.223	0.311	0.358	0.336	0.259	0.163	0.077	0.023	0.005
A	33	64.13	-21.90	TransMax	******	0.714	0.724	0.800	0.795	0.748	0.807	0.787	0.768	0.711	0.625	******
A	33	64.13	-21.90	TransMin	******	0.036	0.056	0.077	0.159	0.100	0.094	0.090	0.052	0.118	0.061	******
A	33	64.13	-21.90	TransT5	******	0.702	0.718	0.785	0.783	0.748	0.791	0.771	0.757	0.701	0.625	******
A	33	64.13	-21.90	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	33	64.13	-21.90	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
A	33	64.13	-21.90	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
A	26	63.75	-68.55	SrfDwn	9	33	108	191	245	264	219	123	63	49	13	4
A	26	63.75	-68.55	ToaDwn	21	75	177	304	417	473	444	345	221	108	34	9
A	26	63.75	-68.55	CosZAvg	0.015	0.054	0.128	0.225	0.312	0.358	0.336	0.260	0.164	0.078	0.024	0.006
A	26	63.75	-68.55	TransMax	0.895	0.662	0.756	0.786	0.775	0.778	0.741	0.749	0.702	0.677	0.697	******
A	26	63.75	-68.55	TransMin	0.185	0.171	0.356	0.332	0.205	0.275	0.093	0.104	0.096	0.164	0.231	******
A	26	63.75	-68.55	TransT5	0.895	0.662	0.744	0.766	0.761	0.761	0.727	0.745	0.702	0.661	0.697	******
A	26	63.75	-68.55	Transl0	******	******	******	0.580	******	******	******	******	******	******	******	******
A	26	63.75	-68.55	Transl5	******	******	0.746	0.622	0.721	0.416	******	******	0.432	******	******	******
A	26	63.75	-68.55	Transl10	******	******	0.617	0.652	0.684	0.628	******	******	0.538	0.677	******	******
A	11	63.27	143.15	SrfDwn	13	48	132	195	236	245	215	172	107	58	18	6
A	11	63.27	143.15	ToaDwn	23	77	178	304	416	472	446	350	227	113	38	11
A	11	63.27	143.15	CosZAvg	0.016	0.055	0.129	0.225	0.312	0.357	0.337	0.263	0.168	0.082	0.027	0.008
A	11	63.27	143.15	TransMax	0.789	0.739	0.803	0.755	0.765	0.769	0.733	0.717	0.739	0.726	0.651	0.765
A	11	63.27	143.15	TransMin	0.353	0.459	0.617	0.400	0.360	0.207	0.122	0.104	0.146	0.189	0.271	0.301
A	11	63.27	143.15	TransT5	0.789	0.726	0.779	0.733	0.750	0.750	0.733	0.707	0.721	0.715	0.637	0.765
A	11	63.27	143.15	Transl0	******	0.638	0.778	0.728	******	******	******	******	******	0.571	******	******
A	11	63.27	143.15	Transl5	******	0.603	0.746	0.726	0.734	******	0.668	******	0.568	0.540	******	******
A	11	63.27	143.15	Transl10	******	0.586	0.744	0.712	0.752	******	0.668	******	0.583	0.574	******	******
A	12	62.08	129.75	SrfDwn	14	48	111	212	238	277	251	174	112	55	23	8
A	12	62.08	129.75	ToaDwn	29	85	186	310	418	472	447	354	234	121	45	16
A	12	62.08	129.75	CosZAvg	0.021	0.061	0.135	0.229	0.314	0.357	0.338	0.266	0.173	0.088	0.032	0.012
A	12	62.08	129.75	TransMax	0.777	0.735	0.794	0.805	0.779	0.763	0.756	0.736	0.713	0.694	0.664	0.623
A	12	62.08	129.75	TransMin	0.319	0.250	0.355	0.433	0.301	0.252	0.094	0.159	0.077	0.171	0.314	0.347
A	12	62.08	129.75	TransT5	0.764	0.714	0.775	0.778	0.771	0.743	0.744	0.726	0.698	0.677	0.644	0.611
A	12	62.08	129.75	Transl0	******	0.571	******	******	******	******	******	******	******	******	******	******
A	12	62.08	129.75	Transl5	******	0.613	0.405	0.743	******	0.745	0.691	0.682	******	0.475	******	******
A	12	62.08	129.75	Transl10	******	0.614	0.500	0.744	******	0.754	0.659	0.705	******	0.475	******	******
A	30	60.82	23.50	SrfDwn	11	50	73	132	203	262	216	145	95	41	12	7
A	30	60.82	23.50	ToaDwn	37	95	196	318	422	473	448	358	241	129	52	23
A	30	60.82	23.50	CosZAvg	0.026	0.068	0.142	0.235	0.316	0.358	0.339	0.269	0.178	0.094	0.037	0.016
A	30	60.82	23.50	TransMax	0.619	0.719	0.717	0.775	0.770	0.738	0.748	0.953	0.733	0.698	0.585	0.586
A	30	60.82	23.50	TransMin	0.107	0.294	0.079	0.101	0.065	0.161	0.086	0.081	0.054	0.047	0.042	0.090
A	30	60.82	23.50	TransT5	0.610	0.712	0.704	0.766	0.768	0.722	0.730	0.953	0.733	0.684	0.585	0.577
A	30	60.82	23.50	Transl0	******	0.370	0.559	0.756	******	******	******	******	******	0.637	******	******
A	30	60.82	23.50	Transl5	******	0.445	0.436	0.756	******	******	******	******	******	0.615	******	******
A	30	60.82	23.50	Transl10	******	0.540	0.341	0.766	0.689	0.723	0.677	******	******	0.615	******	******
A	27	60.72	-135.07	SrfDwn	13	54	97	179	212	259	212	159	101	46	18	8
A	27	60.72	-135.07	ToaDwn	38	97	198	320	424	473	447	357	239	128	52	23
A	27	60.72	-135.07	CosZAvg	0.027	0.069	0.144	0.236	0.318	0.358	0.338	0.268	0.177	0.093	0.037	0.016
A	27	60.72	-135.07	TransMax	0.536	0.664	0.722	0.748	0.764	0.771	0.701	0.713	0.698	0.618	0.591	0.500
A	27	60.72	-135.07	TransMin	0.150	0.282	0.221	0.283	0.231	0.281	0.151	0.184	0.072	0.150	0.135	0.140
A	27	60.72	-135.07	TransT5	0.536	0.649	0.713	0.734	0.764	0.771	0.691	0.713	0.668	0.611	0.591	0.490
A	27	60.72	-135.07	Transl0	******	0.592	******	******	******	******	******	******	0.690	******	******	******
A	27	60.72	-135.07	Transl5	******	0.565	0.660	******	******	******	******	******	0.685	******	******	******
A	27	60.72	-135.07	Transl10	******	0.592	0.660	0.733	******	******	0.640	******	0.685	0.618	******	******
A	13	60.43	77.87	SrfDwn	18	51	115	184	234	217	198	153	83	43	18	8
A	13	60.43	77.87	ToaDwn	39	97	198	319	422	473	448	360	244	132	55	25
A	13	60.43	77.87	CosZAvg	0.027	0.069	0.144	0.236	0.317	0.358	0.340	0.270	0.180	0.096	0.039	0.018
A	13	60.43	77.87	TransMax	0.659	0.713	0.753	0.821	0.767	0.743	0.694	0.638	0.634	0.591	0.575	0.463
A	13	60.43	77.87	TransMin	0.252	0.260	0.299	0.202	0.188	0.083	0.105	0.131	0.104	0.077	0.123	0.186
A	13	60.43	77.87	TransT5	0.659	0.701	0.747	0.821	0.755	0.731	0.694	0.629	0.634	0.585	0.569	0.463
A	13	60.43	77.87	Transl0	******	0.554	0.636	0.821	0.742	******	******	******	******	0.351	******	******
A	13	60.43	77.87	Transl5	******	0.554	0.674	0.779	0.755	******	******	******	******	0.351	******	******
A	13	60.43	77.87	Transl10	******	0.554	0.670	0.745	0.755	******	******	******	******	0.409	******	******
A	34	60.40	5.32	SrfDwn	10	41	56	143	105	271	170	130	76	27	9	4
A	34	60.40	5.32	ToaDwn	39	98	199	320	423	473	448	359	243	132	55	25
A	34	60.40	5.32	CosZAvg	0.028	0.070	0.144	0.236	0.317	0.358	0.339	0.270	0.180	0.096	0.039	0.018
A	34	60.40	5.32	TransMax	0.467	0.578	0.696	0.706	0.634	0.739	0.718	0.652	0.686	0.611	0.530	******
A	34	60.40	5.32	TransMin	0.019	0.203	0.038	0.086	0.052	0.153	0.076	0.130	0.070	0.016	0.011	******
A	34	60.40	5.32	TransT5	0.467	0.565	0.696	0.696	0.634	0.724	0.716	0.642	0.686	0.611	0.530	******
A	34	60.40	5.32	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
A	34	60.40	5.32	Transl5	******	0.555	******	******	******	******	******	******	******	******	******	******
A	34	60.40	5.32	Transl10	******	0.555	0.497	0.663	******	0.705	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	14	60.33	102.27	SrfDwn	19	51	111	176	237	251	213	158	103	63	22	10
A	14	60.33	102.27	TOADwn	39	98	198	319	422	473	449	361	244	133	55	25
A	14	60.33	102.27	CosZAvg	0.028	0.070	0.144	0.236	0.317	0.358	0.340	0.271	0.181	0.097	0.040	0.018
A	14	60.33	102.27	TransMax	0.689	0.716	0.830	0.795	0.799	0.718	0.761	0.764	0.719	0.806	0.794	0.751
A	14	60.33	102.27	TransMin	0.275	0.312	0.336	0.261	0.177	0.215	0.129	0.156	0.088	0.210	0.204	0.254
A	14	60.33	102.27	TransT5	0.689	0.706	0.813	0.790	0.783	0.702	0.744	0.764	0.712	0.806	0.794	0.750
A	14	60.33	102.27	TransI0	******	0.577	0.690	******	******	******	******	0.718	******	0.738	******	******
A	14	60.33	102.27	TransI5	******	0.598	0.729	0.715	0.783	0.683	******	0.716	0.618	0.710	******	******
A	14	60.33	102.27	TransI10	******	0.596	0.706	0.715	0.783	0.683	******	0.716	0.661	0.637	******	******
A	31	60.32	24.97	SrfDwn	10	47	71	134	214	285	231	143	98	40	10	6
A	31	60.32	24.97	TOADwn	39	98	199	320	423	473	446	360	244	132	55	25
A	31	60.32	24.97	CosZAvg	0.028	0.070	0.145	0.236	0.317	0.358	0.339	0.270	0.181	0.096	0.040	0.018
A	31	60.32	24.97	TransMax	0.528	0.683	0.682	0.740	0.754	0.739	0.755	0.691	0.661	0.658	0.512	0.541
A	31	60.32	24.97	TransMin	0.089	0.275	0.048	0.059	0.092	0.145	0.080	0.085	0.075	0.037	0.024	0.058
A	31	60.32	24.97	TransT5	0.523	0.671	0.650	0.722	0.740	0.724	0.737	0.678	0.661	0.658	0.509	0.541
A	31	60.32	24.97	TransI0	******	0.397	0.456	0.702	******	******	******	******	******	0.552	******	******
A	31	60.32	24.97	TransI5	******	0.383	0.441	0.702	******	******	******	******	******	0.569	******	******
A	31	60.32	24.97	TransI10	******	0.477	0.328	0.721	0.679	0.724	0.659	******	******	0.569	******	******
A	32	60.13	-1.18	SrfDwn	12	44	65	140	186	190	162	146	97	45	******	6
A	32	60.13	-1.18	TOADwn	41	100	201	321	424	473	448	360	245	133	******	26
A	32	60.13	-1.18	CosZAvg	0.029	0.071	0.146	0.237	0.318	0.358	0.339	0.271	0.181	0.097	******	0.019
A	32	60.13	-1.18	TransMax	0.587	0.764	0.651	0.777	0.665	0.743	0.658	0.736	0.630	0.580	******	0.527
A	32	60.13	-1.18	TransMin	0.030	0.090	0.054	0.122	0.101	0.136	0.057	0.084	0.093	0.055	******	0.053
A	32	60.13	-1.18	TransT5	0.587	0.764	0.651	0.777	0.659	0.741	0.653	0.736	0.630	0.580	******	0.527
A	32	60.13	-1.18	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
A	32	60.13	-1.18	TransI5	******	******	******	******	******	******	******	******	******	******	******	******
A	32	60.13	-1.18	TransI10	******	0.496	******	******	******	******	******	******	******	******	******	******
A	28	60.02	-111.95	SrfDwn	15	54	100	185	186	237	215	179	110	63	22	10
A	28	60.02	-111.95	TOADwn	42	102	203	323	425	474	448	360	244	133	56	27
A	28	60.02	-111.95	CosZAvg	0.030	0.073	0.147	0.239	0.319	0.358	0.339	0.270	0.181	0.097	0.040	0.019
A	28	60.02	-111.95	TransMax	0.761	0.747	0.737	0.735	0.754	0.742	0.726	0.731	0.720	0.629	0.620	0.787
A	28	60.02	-111.95	TransMin	0.117	0.166	0.266	0.257	0.108	0.164	0.265	0.251	0.159	0.110	0.150	0.100
A	28	60.02	-111.95	TransT5	0.761	0.731	0.730	0.734	0.754	0.732	0.726	0.717	0.701	0.616	0.612	0.776
A	28	60.02	-111.95	TransI0	******	******	******	******	******	******	******	******	0.695	******	******	******
A	28	60.02	-111.95	TransI5	******	******	******	******	******	******	******	******	0.695	******	******	******
A	28	60.02	-111.95	TransI10	******	******	******	******	******	******	0.639	0.698	0.695	******	******	******
B	2	58.83	-122.58	SrfDwn	17	55	103	183	225	278	232	204	120	51	24	13
B	2	58.83	-122.58	TOADwn	49	110	211	329	428	474	449	364	251	141	64	33
B	2	58.83	-122.58	CosZAvg	0.035	0.079	0.153	0.243	0.321	0.359	0.340	0.274	0.186	0.103	0.046	0.024
B	2	58.83	-122.58	TransMax	0.595	0.683	0.730	0.759	0.740	0.762	0.734	0.722	0.715	0.631	0.708	0.736
B	2	58.83	-122.58	TransMin	0.150	0.262	0.180	0.146	0.298	0.265	0.148	0.138	0.078	0.119	0.197	0.195
B	2	58.83	-122.58	TransT5	0.595	0.683	0.716	0.741	0.726	0.740	0.734	0.708	0.705	0.621	0.708	0.736
B	2	58.83	-122.58	TransI0	******	******	******	******	******	******	******	******	0.707	******	******	******
B	2	58.83	-122.58	TransI5	******	0.683	******	******	******	0.736	******	0.710	0.700	0.488	******	******
B	2	58.83	-122.58	TransI10	******	0.683	0.531	0.759	0.735	0.736	******	0.708	0.700	0.522	0.624	******
B	3	58.75	-94.07	SrfDwn	25	64	131	201	255	228	217	182	94	52	36	14
B	3	58.75	-94.07	TOADwn	49	110	211	329	427	474	450	365	252	142	65	34
B	3	58.75	-94.07	CosZAvg	0.035	0.079	0.153	0.243	0.321	0.359	0.341	0.274	0.187	0.104	0.046	0.024
B	3	58.75	-94.07	TransMax	0.691	0.749	0.774	0.757	0.789	0.741	0.752	0.720	0.742	0.706	0.728	0.634
B	3	58.75	-94.07	TransMin	0.281	0.265	0.361	0.259	0.167	0.125	0.153	0.107	0.171	0.072	0.246	0.196
B	3	58.75	-94.07	TransT5	0.674	0.735	0.763	0.741	0.773	0.726	0.733	0.710	0.742	0.706	0.710	0.632
B	3	58.75	-94.07	TransI0	******	******	0.407	******	******	******	******	******	******	******	******	******
B	3	58.75	-94.07	TransI5	******	******	0.407	******	******	******	******	******	******	******	******	******
B	3	58.75	-94.07	TransI10	******	0.484	0.475	******	******	******	******	0.713	******	******	******	******
B	4	58.45	-78.12	SrfDwn	29	66	151	203	240	241	236	153	92	46	25	16
B	4	58.45	-78.12	TOADwn	51	112	213	330	428	474	450	366	254	144	67	36
B	4	58.45	-78.12	CosZAvg	0.036	0.080	0.154	0.244	0.321	0.359	0.341	0.275	0.188	0.105	0.048	0.025
B	4	58.45	-78.12	TransMax	0.793	0.743	0.837	0.812	0.800	0.755	0.751	0.722	0.714	0.535	0.635	0.623
B	4	58.45	-78.12	TransMin	0.332	0.369	0.408	0.430	0.162	0.079	0.132	0.114	0.042	0.097	0.243	0.262
B	4	58.45	-78.12	TransT5	0.774	0.729	0.815	0.800	0.781	0.750	0.736	0.713	0.713	0.535	0.635	0.608
B	4	58.45	-78.12	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
B	4	58.45	-78.12	TransI5	******	******	0.690	0.793	0.782	******	******	******	******	******	******	******
B	4	58.45	-78.12	TransI10	******	******	0.690	0.786	0.748	******	0.722	******	******	******	******	******
B	5	58.10	-68.42	SrfDwn	23	61	140	200	199	184	234	182	103	54	34	15
B	5	58.10	-68.42	TOADwn	53	115	215	332	429	475	451	367	256	147	69	38
B	5	58.10	-68.42	CosZAvg	0.038	0.082	0.156	0.245	0.321	0.359	0.341	0.276	0.190	0.107	0.049	0.027
B	5	58.10	-68.42	TransMax	0.686	0.724	0.761	0.782	0.791	0.751	0.729	0.735	0.707	0.644	0.680	0.613
B	5	58.10	-68.42	TransMin	0.246	0.313	0.409	0.232	0.180	0.122	0.251	0.090	0.090	0.080	0.246	0.206
B	5	58.10	-68.42	TransT5	0.686	0.705	0.741	0.768	0.778	0.737	0.715	0.715	0.702	0.634	0.650	0.603
B	5	58.10	-68.42	TransI0	******	******	0.755	******	******	******	******	******	******	******	******	******
B	5	58.10	-68.42	TransI5	******	0.556	0.591	0.774	0.622	******	0.668	******	0.707	******	******	******
B	5	58.10	-68.42	TransI10	******	0.583	0.615	0.737	0.700	0.737	0.668	******	0.707	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B	6	55.18	-119.37	SrfDwn	30	66	132	178	235	283	236	233	113	73	36	26
B	6	55.18	-119.37	ToaDwn	72	136	235	346	435	477	455	378	273	167	88	55
B	6	55.18	-119.37	CosZAvg	0.051	0.097	0.170	0.255	0.326	0.361	0.344	0.284	0.202	0.121	0.063	0.039
B	6	55.18	-119.37	TransMax	0.663	0.691	0.754	0.751	0.741	0.751	0.730	0.748	0.750	0.727	0.673	0.778
B	6	55.18	-119.37	TransMin	0.145	0.213	0.307	0.103	0.195	0.127	0.140	0.320	0.084	0.138	0.188	0.196
B	6	55.18	-119.37	TransT5	0.663	0.679	0.748	0.751	0.723	0.741	0.717	0.740	0.736	0.727	0.668	0.778
B	6	55.18	-119.37	Trans10	******	******	******	******	******	******	0.730	0.747	0.698	0.635	******	******
B	6	55.18	-119.37	Trans15	******	******	******	******	******	******	0.730	0.748	0.727	0.645	******	******
B	6	55.18	-119.37	Trans110	0.322	0.628	0.739	0.751	******	******	0.730	0.720	0.727	0.645	******	******
B	7	53.97	-101.10	SrfDwn	33	78	135	181	243	273	219	223	112	60	42	26
B	7	53.97	-101.10	ToaDwn	80	144	242	351	438	478	456	382	280	175	96	63
B	7	53.97	-101.10	CosZAvg	0.057	0.103	0.176	0.259	0.328	0.361	0.346	0.287	0.207	0.128	0.069	0.045
B	7	53.97	-101.10	TransMax	0.680	0.746	0.765	0.752	0.757	0.753	0.714	0.728	0.725	0.671	0.660	0.646
B	7	53.97	-101.10	TransMin	0.147	0.271	0.247	0.092	0.119	0.131	0.126	0.197	0.084	0.107	0.167	0.140
B	7	53.97	-101.10	TransT5	0.648	0.726	0.747	0.734	0.740	0.742	0.695	0.715	0.711	0.657	0.647	0.632
B	7	53.97	-101.10	Trans10	******	******	******	******	******	******	******	******	******	0.671	******	******
B	7	53.97	-101.10	Trans15	******	******	******	******	******	******	******	0.702	******	0.640	******	******
B	7	53.97	-101.10	Trans110	0.461	******	0.734	******	******	******	******	0.702	0.661	0.639	0.520	0.390
B	8	53.88	-122.68	SrfDwn	25	61	104	166	200	276	225	229	128	76	33	21
B	8	53.88	-122.68	ToaDwn	81	145	243	352	438	478	456	382	280	176	97	63
B	8	53.88	-122.68	CosZAvg	0.057	0.104	0.176	0.280	0.329	0.361	0.346	0.287	0.207	0.128	0.069	0.045
B	8	53.88	-122.68	TransMax	0.512	0.707	0.694	0.716	0.742	0.761	0.707	0.731	0.733	0.673	0.642	0.610
B	8	53.88	-122.68	TransMin	0.058	0.088	0.101	0.117	0.167	0.260	0.215	0.170	0.202	0.102	0.085	0.113
B	8	53.88	-122.68	TransT5	0.501	0.687	0.682	0.704	0.731	0.748	0.696	0.713	0.733	0.659	0.630	0.596
B	8	53.88	-122.68	Trans10	******	0.234	******	******	******	******	******	******	******	0.616	******	0.606
B	8	53.88	-122.68	Trans15	******	0.205	******	******	******	******	******	0.707	0.733	0.628	******	0.540
B	8	53.88	-122.68	Trans110	0.311	0.205	******	******	******	0.743	******	0.706	0.634	0.628	******	0.540
B	9	53.83	-89.87	SrfDwn	39	78	142	176	204	257	226	196	114	64	43	25
B	9	53.83	-89.87	ToaDwn	81	145	243	352	438	478	457	383	281	176	97	64
B	9	53.83	-89.87	CosZAvg	0.058	0.104	0.176	0.280	0.328	0.361	0.346	0.288	0.208	0.128	0.070	0.045
B	9	53.83	-89.87	TransMax	0.673	0.755	0.772	0.776	0.743	0.762	0.767	0.736	0.688	0.712	0.696	0.715
B	9	53.83	-89.87	TransMin	0.159	0.267	0.183	0.118	0.172	0.124	0.133	0.176	0.102	0.101	0.100	0.195
B	9	53.83	-89.87	TransT5	0.673	0.755	0.753	0.757	0.720	0.755	0.757	0.718	0.681	0.695	0.681	0.715
B	9	53.83	-89.87	Trans10	******	0.702	0.730	0.729	******	******	0.764	******	******	******	0.472	0.422
B	9	53.83	-89.87	Trans15	0.244	0.623	0.724	0.729	******	******	0.764	******	******	0.650	0.530	0.427
B	9	53.83	-89.87	Trans110	0.244	0.527	0.724	0.727	******	0.758	0.760	******	******	0.650	0.539	0.382
B	10	53.55	-114.10	SrfDwn	36	80	125	184	242	275	214	244	121	88	50	32
B	10	53.55	-114.10	ToaDwn	83	147	245	353	439	478	457	383	282	178	99	66
B	10	53.55	-114.10	CosZAvg	0.059	0.105	0.178	0.261	0.329	0.361	0.346	0.288	0.209	0.130	0.071	0.047
B	10	53.55	-114.10	TransMax	0.691	0.795	0.743	0.745	0.755	0.755	0.726	0.743	0.745	0.734	0.745	0.683
B	10	53.55	-114.10	TransMin	0.269	0.260	0.195	0.127	0.153	0.210	0.117	0.320	0.046	0.100	0.195	0.212
B	10	53.55	-114.10	TransT5	0.677	0.795	0.728	0.728	0.732	0.740	0.726	0.725	0.732	0.730	0.745	0.674
B	10	53.55	-114.10	Trans10	******	******	******	******	******	******	******	******	******	0.672	******	******
B	10	53.55	-114.10	Trans15	0.691	******	******	******	******	******	0.726	0.725	0.745	0.665	0.638	******
B	10	53.55	-114.10	Trans110	0.649	0.728	0.673	******	0.726	******	0.708	0.716	0.741	0.669	0.638	******
B	11	53.32	-60.42	SrfDwn	39	73	145	183	216	189	202	171	125	86	45	33
B	11	53.32	-60.42	ToaDwn	84	148	246	354	439	478	458	385	284	180	101	67
B	11	53.32	-60.42	CosZAvg	0.060	0.106	0.178	0.261	0.329	0.362	0.346	0.289	0.210	0.131	0.072	0.048
B	11	53.32	-60.42	TransMax	0.725	0.764	0.804	0.806	0.753	0.709	0.746	0.693	0.751	0.745	0.741	0.742
B	11	53.32	-60.42	TransMin	0.131	0.251	0.275	0.126	0.071	0.102	0.096	0.079	0.177	0.114	0.125	0.262
B	11	53.32	-60.42	TransT5	0.705	0.747	0.789	0.798	0.731	0.708	0.727	0.676	0.732	0.730	0.736	0.742
B	11	53.32	-60.42	Trans10	0.715	******	******	******	******	******	******	******	******	******	******	******
B	11	53.32	-60.42	Trans15	0.715	******	0.725	******	******	******	******	******	******	0.728	0.677	******
B	11	53.32	-60.42	Trans110	0.715	******	0.737	0.717	******	******	0.639	******	0.751	0.727	0.677	******
B	12	53.25	-131.82	SrfDwn	26	60	90	161	195	243	189	197	139	61	29	19
B	12	53.25	-131.82	ToaDwn	85	149	247	355	440	478	457	384	283	180	101	68
B	12	53.25	-131.82	CosZAvg	0.060	0.107	0.179	0.262	0.330	0.362	0.346	0.289	0.210	0.131	0.073	0.048
B	12	53.25	-131.82	TransMax	0.538	0.687	0.692	0.744	0.741	0.742	0.722	0.718	0.714	0.681	0.631	0.571
B	12	53.25	-131.82	TransMin	0.065	0.170	0.124	0.195	0.126	0.258	0.152	0.134	0.123	0.152	0.075	0.082
B	12	53.25	-131.82	TransT5	0.538	0.672	0.692	0.730	0.727	0.735	0.705	0.700	0.705	0.681	0.617	0.571
B	12	53.25	-131.82	Trans10	******	0.665	******	******	******	******	******	******	******	******	******	******
B	12	53.25	-131.82	Trans15	******	0.657	******	******	******	******	******	******	******	******	******	******
B	12	53.25	-131.82	Trans110	******	0.657	******	******	******	******	******	******	******	******	0.631	******
B	13	51.93	-131.02	SrfDwn	28	70	101	169	213	248	222	226	161	64	33	27
B	13	51.93	-131.02	ToaDwn	94	159	255	360	442	479	459	389	291	189	110	76
B	13	51.93	-131.02	CosZAvg	0.067	0.113	0.185	0.266	0.331	0.362	0.348	0.292	0.215	0.137	0.079	0.054
B	13	51.93	-131.02	TransMax	0.649	0.805	0.780	0.777	0.756	0.790	0.768	0.741	0.754	0.749	0.669	0.669
B	13	51.93	-131.02	TransMin	0.057	0.047	0.128	0.108	0.120	0.221	0.185	0.185	0.076	0.088	0.053	0.086
B	13	51.93	-131.02	TransT5	0.636	0.801	0.780	0.763	0.742	0.779	0.745	0.729	0.730	0.736	0.669	0.659
B	13	51.93	-131.02	Trans10	******	0.799	******	******	******	******	******	******	******	******	******	******
B	13	51.93	-131.02	Trans15	******	0.801	******	******	******	******	******	******	******	******	******	0.669
B	13	51.93	-131.02	Trans110	******	0.801	******	******	******	******	******	******	0.702	******	******	0.669

2. Continued

Freq	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B	14	51.32	-108.40	SrfDwn	54	95	127	208	230	******	******	******	******	******	******	******
B	14	51.32	-108.40	TotaDwn	98	163	259	363	443	******	******	******	******	******	******	******
B	14	51.32	-108.40	CosZAvg	0.070	0.116	0.188	0.268	0.332	******	******	******	******	******	******	******
B	14	51.32	-108.40	TransMax	0.739	0.773	0.752	0.757	0.758	******	******	******	******	******	******	******
B	14	51.32	-108.40	TransMin	0.319	0.316	0.162	0.308	0.097	******	******	******	******	******	******	******
B	14	51.32	-108.40	TransT5	0.724	0.751	0.736	0.745	0.740	******	******	******	******	******	******	******
B	14	51.32	-108.40	Trans10	******	******	******	0.732	0.750	******	******	******	******	******	******	******
B	14	51.32	-108.40	Trans15	0.671	0.739	******	0.743	0.734	******	******	******	******	******	******	******
B	14	51.32	-108.40	Trans110	0.671	0.548	******	0.743	0.734	******	******	******	******	******	******	******
B	15	51.27	-80.65	SrfDwn	48	75	134	186	248	233	240	188	111	61	39	30
B	15	51.27	-80.65	TotaDwn	99	163	259	363	443	479	480	391	295	194	115	81
B	15	51.27	-80.65	CosZAvg	0.070	0.116	0.188	0.268	0.332	0.363	0.348	0.294	0.218	0.141	0.083	0.057
B	15	51.27	-80.65	TransMax	0.688	0.734	0.779	0.772	0.773	0.753	0.750	0.739	0.705	0.677	0.624	0.680
B	15	51.27	-80.65	TransMin	0.103	0.163	0.147	0.155	0.091	0.168	0.284	0.145	0.122	0.077	0.087	0.107
B	15	51.27	-80.65	TransT5	0.679	0.717	0.768	0.759	0.757	0.739	0.741	0.731	0.694	0.677	0.624	0.653
B	15	51.27	-80.65	Trans10	0.580	******	******	******	******	******	******	******	******	******	******	0.195
B	15	51.27	-80.65	Trans15	0.580	******	******	******	******	******	0.439	0.731	******	******	******	0.372
B	15	51.27	-80.65	Trans110	0.555	0.591	0.473	******	0.756	0.743	0.439	0.727	******	******	0.487	0.248
B	16	50.68	-127.37	SrfDwn	22	69	90	139	194	200	188	235	168	76	15	19
B	16	50.68	-127.37	TotaDwn	103	167	263	365	445	480	461	393	298	197	119	85
B	16	50.68	-127.37	CosZAvg	0.073	0.120	0.191	0.270	0.333	0.363	0.349	0.295	0.220	0.144	0.085	0.060
B	16	50.68	-127.37	TransMax	0.625	0.719	0.715	0.739	0.733	0.755	0.717	0.721	0.711	0.684	0.220	0.611
B	16	50.68	-127.37	TransMin	0.039	0.100	0.080	0.067	0.133	0.099	0.128	0.228	0.134	0.138	0.046	0.071
B	16	50.68	-127.37	TransT5	0.620	0.703	0.715	0.739	0.721	0.744	0.700	0.709	0.711	0.677	0.220	0.602
B	16	50.68	-127.37	Trans10	******	******	******	******	******	******	******	0.666	******	******	******	******
B	16	50.68	-127.37	Trans15	******	******	******	******	******	******	******	0.680	******	0.677	******	******
B	16	50.68	-127.37	Trans110	0.413	0.374	******	******	0.730	0.706	******	0.669	******	0.653	******	0.418
B	17	50.28	-107.68	SrfDwn	54	94	110	213	258	287	263	233	122	107	54	46
B	17	50.28	-107.68	TotaDwn	106	170	265	367	445	480	461	394	300	200	122	87
B	17	50.28	-107.68	CosZAvg	0.075	0.121	0.192	0.271	0.334	0.363	0.349	0.296	0.222	0.146	0.087	0.062
B	17	50.28	-107.68	TransMax	0.688	0.736	0.640	0.753	0.780	0.758	0.762	0.762	0.760	0.741	0.750	0.742
B	17	50.28	-107.68	TransMin	0.260	0.243	0.198	0.237	0.088	0.127	0.293	0.237	0.071	0.075	0.191	0.131
B	17	50.28	-107.68	TransT5	0.675	0.722	0.632	0.740	0.764	0.746	0.762	0.739	0.749	0.728	0.743	0.742
B	17	50.28	-107.68	Trans10	0.646	******	******	******	0.768	0.647	******	******	******	0.698	******	0.610
B	17	50.28	-107.68	Trans15	0.649	0.680	******	0.746	0.768	0.677	******	0.736	0.759	0.699	******	0.610
B	17	50.28	-107.68	Trans110	0.635	0.619	0.637	0.746	0.768	0.677	0.699	0.720	0.759	0.696	******	0.620
B	18	50.27	-111.18	SrfDwn	48	85	141	212	191	******	256	239	120	110	58	43
B	18	50.27	-111.18	TotaDwn	106	170	265	367	445	******	461	394	300	200	122	87
B	18	50.27	-111.18	CosZAvg	0.075	0.122	0.192	0.271	0.334	******	0.349	0.296	0.222	0.146	0.087	0.062
B	18	50.27	-111.18	TransMax	0.632	0.726	0.701	0.741	0.719	******	0.733	0.737	0.722	0.751	0.718	0.703
B	18	50.27	-111.18	TransMin	0.252	0.195	0.193	0.286	0.099	******	0.185	0.275	0.078	0.109	0.150	0.188
B	18	50.27	-111.18	TransT5	0.619	0.713	0.683	0.720	0.718	******	0.722	0.716	0.701	0.742	0.718	0.703
B	18	50.27	-111.18	Trans10	******	******	******	0.712	******	******	******	******	******	0.681	******	******
B	18	50.27	-111.18	Trans15	0.625	0.577	******	0.708	******	******	******	0.704	0.722	0.682	******	0.653
B	18	50.27	-111.18	Trans110	0.625	0.577	******	0.708	******	******	******	0.700	0.722	0.690	******	0.636
B	19	50.22	-66.25	SrfDwn	46	107	145	163	247	224	233	179	143	83	51	42
B	19	50.22	-66.25	TotaDwn	106	170	265	367	445	480	461	395	301	201	123	88
B	19	50.22	-66.25	CosZAvg	0.075	0.122	0.192	0.271	0.334	0.363	0.349	0.297	0.223	0.146	0.088	0.062
B	19	50.22	-66.25	TransMax	0.705	0.766	0.780	0.762	0.757	0.755	0.739	0.735	0.753	0.715	0.697	0.706
B	19	50.22	-66.25	TransMin	0.107	0.211	0.075	0.109	0.121	0.086	0.147	0.064	0.049	0.038	0.086	0.086
B	19	50.22	-66.25	TransT5	0.687	0.749	0.766	0.756	0.744	0.749	0.729	0.721	0.737	0.708	0.693	0.687
B	19	50.22	-66.25	Trans10	0.619	0.723	0.769	0.759	******	******	******	******	******	0.713	******	0.671
B	19	50.22	-66.25	Trans15	0.643	0.689	0.731	0.761	0.736	******	******	0.729	0.753	0.704	0.386	0.659
B	19	50.22	-66.25	Trans110	0.643	0.689	0.715	0.758	0.747	******	******	0.731	0.709	0.704	0.383	0.569
B	20	49.90	-97.23	SrfDwn	54	88	153	173	234	273	218	258	130	105	58	44
B	20	49.90	-97.23	TotaDwn	108	173	267	368	446	480	462	396	302	203	125	90
B	20	49.90	-97.23	CosZAvg	0.077	0.123	0.194	0.272	0.334	0.363	0.350	0.297	0.224	0.148	0.089	0.064
B	20	49.90	-97.23	TransMax	0.771	0.742	0.802	0.756	0.766	0.741	0.723	0.742	0.714	0.690	0.702	0.655
B	20	49.90	-97.23	TransMin	0.126	0.201	0.197	0.082	0.161	0.279	0.089	0.222	0.144	0.194	0.211	0.214
B	20	49.90	-97.23	TransT5	0.755	0.729	0.779	0.746	0.754	0.739	0.712	0.733	0.699	0.671	0.691	0.645
B	20	49.90	-97.23	Trans10	******	0.367	******	******	******	******	******	******	******	******	0.638	0.601
B	20	49.90	-97.23	Trans15	0.493	0.367	******	0.739	******	******	0.723	0.702	******	0.645	0.638	0.601
B	20	49.90	-97.23	Trans110	0.493	0.419	0.729	0.739	0.760	0.740	0.723	0.713	0.639	0.635	0.638	0.602
B	21	49.57	-119.65	SrfDwn	35	80	102	******	220	257	229	248	140	94	50	27
B	21	49.57	-119.65	TotaDwn	111	175	269	******	446	480	462	397	304	205	127	92
B	21	49.57	-119.65	CosZAvg	0.078	0.125	0.196	******	0.335	0.363	0.350	0.298	0.225	0.149	0.091	0.065
B	21	49.57	-119.65	TransMax	0.538	0.662	0.690	******	0.729	0.739	0.721	0.736	0.713	0.682	0.658	0.600
B	21	49.57	-119.65	TransMin	0.104	0.166	0.213	******	0.170	0.165	0.217	0.359	0.137	0.214	0.150	0.112
B	21	49.57	-119.65	TransT5	0.532	0.644	0.690	******	0.708	0.722	0.704	0.719	0.713	0.647	0.648	0.589
B	21	49.57	-119.65	Trans10	******	******	******	******	0.703	******	******	******	******	******	******	0.116
B	21	49.57	-119.65	Trans15	0.401	0.662	******	******	0.701	******	******	******	******	0.599	******	0.413
B	21	49.57	-119.65	Trans110	0.445	0.662	******	******	0.699	******	******	0.702	0.667	0.596	******	0.428

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B	22	49.22	-123.95	SrfDwn	28	67	94	141	195	220	236	241	159	89	35	21
B	22	49.22	-123.95	TotDwn	113	178	272	371	447	481	462	398	305	207	129	95
B	22	49.22	-123.95	CosZAvg	0.080	0.127	0.197	0.274	0.335	0.364	0.350	0.299	0.226	0.151	0.093	0.067
B	22	49.22	-123.95	TransMax	0.576	0.640	0.678	0.705	0.702	0.723	0.698	0.707	0.673	0.676	0.613	0.538
B	22	49.22	-123.95	TransMin	0.039	0.044	0.053	0.085	0.110	0.169	0.170	0.102	0.168	0.157	0.053	0.028
B	22	49.22	-123.95	TransT5	0.576	0.625	0.663	0.690	0.689	0.712	0.680	0.688	0.666	0.658	0.598	0.525
B	22	49.22	-123.95	Trans10	******	******	******	******	******	******	0.679	******	******	******	******	******
B	22	49.22	-123.95	Trans15	******	******	******	******	0.698	******	0.678	0.693	******	0.508	******	0.508
B	22	49.22	-123.95	Trans110	******	0.608	******	0.653	0.698	0.704	0.669	0.682	0.666	0.508	******	0.411
B	23	49.18	-123.17	SrfDwn	30	72	100	146	219	242	234	242	156	86	36	27
B	23	49.18	-123.17	TotDwn	113	178	272	371	447	481	462	398	306	207	129	95
B	23	49.18	-123.17	CosZAvg	0.080	0.127	0.197	0.274	0.335	0.364	0.350	0.299	0.226	0.151	0.093	0.067
B	23	49.18	-123.17	TransMax	0.582	0.676	0.722	0.709	0.733	0.732	0.738	0.723	0.687	0.678	0.642	0.620
B	23	49.18	-123.17	TransMin	0.082	0.059	0.082	0.091	0.074	0.160	0.109	0.095	0.139	0.074	0.047	0.030
B	23	49.18	-123.17	TransT5	0.560	0.682	0.711	0.695	0.719	0.719	0.720	0.702	0.674	0.666	0.635	0.606
B	23	49.18	-123.17	Trans10	******	******	******	******	******	******	0.708	******	******	******	******	******
B	23	49.18	-123.17	Trans15	******	******	******	******	0.726	******	0.710	0.711	******	0.613	******	0.589
B	23	49.18	-123.17	Trans110	******	0.649	******	0.690	0.726	0.719	0.700	0.702	0.678	0.617	******	0.585
B	24	48.85	-72.53	SrfDwn	51	99	178	196	231	246	213	203	123	79	58	46
B	24	48.85	-72.53	TotDwn	115	180	273	372	447	481	463	399	308	210	132	97
B	24	48.85	-72.53	CosZAvg	0.082	0.128	0.198	0.275	0.335	0.364	0.350	0.300	0.228	0.153	0.095	0.069
B	24	48.85	-72.53	TransMax	0.740	0.763	0.799	0.796	0.754	0.774	0.740	0.737	0.746	0.716	0.715	0.716
B	24	48.85	-72.53	TransMin	0.136	0.338	0.201	0.061	0.062	0.093	0.122	0.093	0.080	0.089	0.117	0.202
B	24	48.85	-72.53	TransT5	0.727	0.754	0.783	0.768	0.744	0.752	0.737	0.725	0.746	0.716	0.701	0.703
B	24	48.85	-72.53	Trans10	0.595	0.763	******	******	******	0.745	******	0.730	******	******	******	0.642
B	24	48.85	-72.53	Trans15	0.625	0.763	******	******	0.740	0.745	******	0.697	******	0.716	******	0.655
B	24	48.85	-72.53	Trans110	0.625	0.711	******	0.760	0.740	0.745	0.740	0.697	0.746	0.716	0.683	0.644
B	25	47.62	-52.73	SrfDwn	46	92	117	159	186	224	194	175	118	85	50	41
B	25	47.62	-52.73	TotDwn	124	188	280	377	449	481	464	403	314	218	141	106
B	25	47.62	-52.73	CosZAvg	0.086	0.134	0.203	0.278	0.337	0.364	0.352	0.303	0.233	0.159	0.101	0.075
B	25	47.62	-52.73	TransMax	0.748	0.774	0.774	0.754	0.652	0.773	0.770	0.747	0.713	0.780	0.738	0.740
B	25	47.62	-52.73	TransMin	0.112	0.142	0.085	0.054	0.070	0.183	0.089	0.122	0.093	0.072	0.102	0.097
B	25	47.62	-52.73	TransT5	0.726	0.762	0.774	0.741	0.636	0.773	0.761	0.725	0.713	0.780	0.738	0.740
B	25	47.62	-52.73	Trans10	******	******	******	******	0.489	******	******	******	******	******	******	******
B	25	47.62	-52.73	Trans15	******	0.617	******	******	0.489	******	******	******	******	******	******	******
B	25	47.62	-52.73	Trans110	0.711	0.617	******	******	0.489	******	******	0.747	******	******	******	******
B	35	46.77	-56.17	SrfDwn	34	80	120	141	224	230	214	182	152	50	50	23
B	35	46.77	-56.17	TotDwn	130	194	285	380	451	482	465	405	319	224	147	112
B	35	46.77	-56.17	CosZAvg	0.092	0.139	0.207	0.281	0.338	0.364	0.352	0.305	0.236	0.163	0.105	0.079
B	35	46.77	-56.17	TransMax	0.729	0.760	0.776	0.784	0.769	0.762	0.751	0.735	0.738	0.354	0.711	0.301
B	35	46.77	-56.17	TransMin	0.061	0.124	0.079	0.071	0.091	0.098	0.100	0.086	0.075	0.105	0.035	0.050
B	35	46.77	-56.17	TransT5	0.729	0.742	0.753	0.769	0.756	0.750	0.736	0.729	0.723	0.352	0.711	0.301
B	35	46.77	-56.17	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
B	35	46.77	-56.17	Trans15	******	0.723	******	******	******	******	******	******	0.718	******	0.711	******
B	35	46.77	-56.17	Trans110	******	0.742	0.462	******	******	******	******	******	0.718	******	0.711	******
B	26	46.28	-63.13	SrfDwn	65	112	157	161	235	236	202	181	156	96	52	43
B	26	46.28	-63.13	TotDwn	133	197	288	382	452	482	465	407	321	227	150	115
B	26	46.28	-63.13	CosZAvg	0.095	0.141	0.209	0.282	0.339	0.364	0.352	0.306	0.238	0.165	0.108	0.082
B	26	46.28	-63.13	TransMax	0.743	0.780	0.796	0.762	0.766	0.764	0.718	0.729	0.751	0.739	0.625	0.716
B	26	46.28	-63.13	TransMin	0.158	0.210	0.119	0.088	0.131	0.065	0.080	0.118	0.083	0.099	0.046	0.119
B	26	46.28	-63.13	TransT5	0.721	0.767	0.785	0.738	0.756	0.757	0.703	0.718	0.733	0.739	0.620	0.700
B	26	46.28	-63.13	Trans10	******	0.758	******	******	******	******	******	******	******	******	******	******
B	26	46.28	-63.13	Trans15	******	0.758	0.796	******	******	******	******	******	0.751	******	******	******
B	26	46.28	-63.13	Trans110	******	0.758	0.795	******	******	******	******	0.724	0.751	0.644	******	******
B	27	45.87	-66.53	SrfDwn	64	114	149	162	229	******	******	******	158	100	56	60
B	27	45.87	-66.53	TotDwn	136	200	291	384	452	******	******	******	323	230	153	118
B	27	45.87	-66.53	CosZAvg	0.097	0.143	0.211	0.283	0.339	******	******	******	0.239	0.167	0.110	0.084
B	27	45.87	-66.53	TransMax	0.703	0.735	0.772	0.751	0.755	******	******	******	0.731	0.722	0.700	0.702
B	27	45.87	-66.53	TransMin	0.086	0.168	0.086	0.082	0.169	******	******	******	0.081	0.091	0.036	0.050
B	27	45.87	-66.53	TransT5	0.690	0.725	0.752	0.742	0.745	******	******	******	0.722	0.706	0.700	0.685
B	27	45.87	-66.53	Trans10	******	0.714	******	******	******	******	******	******	0.731	******	******	0.678
B	27	45.87	-66.53	Trans15	******	0.689	0.705	******	******	******	******	******	0.730	0.699	******	0.655
B	27	45.87	-66.53	Trans110	0.686	0.701	0.711	0.751	0.740	******	******	******	0.725	0.705	******	0.663
B	28	45.32	-75.67	SrfDwn	66	110	147	211	211	280	225	212	128	103	67	47
B	28	45.32	-75.67	TotDwn	140	204	294	386	453	482	466	409	326	233	157	122
B	28	45.32	-75.67	CosZAvg	0.099	0.146	0.213	0.285	0.340	0.365	0.353	0.308	0.241	0.170	0.112	0.086
B	28	45.32	-75.67	TransMax	0.710	0.781	0.771	0.794	0.777	0.782	0.747	0.760	0.746	0.746	0.722	0.729
B	28	45.32	-75.67	TransMin	0.106	0.155	0.081	0.054	0.058	0.103	0.091	0.117	0.099	0.064	0.072	0.073
B	28	45.32	-75.67	TransT5	0.708	0.767	0.755	0.777	0.770	0.765	0.747	0.744	0.729	0.730	0.710	0.715
B	28	45.32	-75.67	Trans10	0.572	0.750	******	******	******	0.774	******	******	******	******	0.607	0.507
B	28	45.32	-75.67	Trans15	0.572	0.715	******	0.735	******	0.753	0.707	0.712	0.699	0.725	0.607	0.451
B	28	45.32	-75.67	Trans110	0.572	0.715	0.532	0.735	0.760	0.753	0.707	0.733	0.723	0.726	0.607	0.468

le 2. Continued

Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
29	45.07	-64.48	SrfDwn	54	102	144	180	222	233	202	177	166	100	60	51
29	45.07	-64.48	TosDwn	142	206	295	386	453	462	467	410	327	235	159	124
29	45.07	-64.48	CosZAvg	0.101	0.147	0.214	0.285	0.340	0.365	0.353	0.308	0.242	0.171	0.114	0.088
29	45.07	-64.48	TransMax	0.669	0.719	0.768	0.749	0.754	0.756	0.726	0.748	0.742	0.731	0.698	0.685
29	45.07	-64.48	TransMin	0.080	0.123	0.102	0.076	0.094	0.072	0.088	0.120	0.059	0.097	0.042	0.073
29	45.07	-64.48	TransT5	0.669	0.710	0.750	0.729	0.748	0.753	0.716	0.734	0.727	0.711	0.698	0.677
29	45.07	-64.48	TransI0	******	0.676	******	******	******	******	******	******	******	******	******	******
29	45.07	-64.48	TransI5	******	0.676	0.739	******	******	******	******	******	0.728	******	******	******
29	45.07	-64.48	TransI10	******	0.676	0.754	******	******	******	******	0.721	0.728	0.646	******	******
55	44.92	-89.62	SrfDwn	******	******	******	******	******	******	******	******	******	89	104	******
55	44.92	-89.62	TosDwn	******	******	******	******	******	******	******	******	******	235	160	******
55	44.92	-89.62	CosZAvg	******	******	******	******	******	******	******	******	******	0.171	0.114	******
55	44.92	-89.62	TransMax	******	******	******	******	******	******	******	******	******	0.674	0.592	******
55	44.92	-89.62	TransMin	******	******	******	******	******	******	******	******	******	0.125	0.504	******
55	44.92	-89.62	TransT5	******	******	******	******	******	******	******	******	******	0.663	0.592	******
55	44.92	-89.62	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
55	44.92	-89.62	TransI5	******	******	******	******	******	******	******	******	******	0.632	******	******
55	44.92	-89.62	TransI10	******	******	******	******	******	******	******	******	******	0.632	******	******
30	44.63	-63.50	SrfDwn	60	106	147	151	200	211	209	184	172	101	63	50
30	44.63	-63.50	TosDwn	145	209	298	388	454	462	467	411	329	237	162	127
30	44.63	-63.50	CosZAvg	0.103	0.149	0.216	0.286	0.340	0.365	0.353	0.309	0.244	0.173	0.116	0.090
30	44.63	-63.50	TransMax	0.723	0.753	0.776	0.766	0.770	0.752	0.732	0.761	0.761	0.742	0.695	0.692
30	44.63	-63.50	TransMin	0.079	0.089	0.075	0.059	0.075	0.078	0.075	0.040	0.045	0.089	0.046	0.052
30	44.63	-63.50	TransT5	0.723	0.737	0.771	0.758	0.762	0.739	0.723	0.746	0.750	0.730	0.685	0.681
30	44.63	-63.50	TransI0	******	******	******	******	******	******	******	******	0.754	******	******	******
30	44.63	-63.50	TransI5	******	0.706	0.639	******	******	******	0.728	******	0.746	******	******	******
30	44.63	-63.50	TransI10	0.630	0.722	0.642	******	0.770	******	0.728	0.702	0.746	0.727	******	******
53	44.55	-89.53	SrfDwn	******	******	******	******	******	******	******	******	******	75	105	******
53	44.55	-89.53	TosDwn	******	******	******	******	******	******	******	******	******	238	162	******
53	44.55	-89.53	CosZAvg	******	******	******	******	******	******	******	******	******	0.173	0.116	******
53	44.55	-89.53	TransMax	******	******	******	******	******	******	******	******	******	0.619	0.642	******
53	44.55	-89.53	TransMin	******	******	******	******	******	******	******	******	******	0.065	0.452	******
53	44.55	-89.53	TransT5	******	******	******	******	******	******	******	******	******	0.607	0.642	******
53	44.55	-89.53	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
53	44.55	-89.53	TransI5	******	******	******	******	******	******	******	******	******	0.619	******	******
53	44.55	-89.53	TransI10	******	******	******	******	******	******	******	******	******	0.572	******	******
38	44.12	-123.22	SrfDwn	37	60	143	175	224	264	264	251	152	111	47	39
38	44.12	-123.22	TosDwn	149	213	301	390	455	462	467	412	331	240	165	130
38	44.12	-123.22	CosZAvg	0.106	0.152	0.218	0.288	0.341	0.365	0.354	0.310	0.245	0.175	0.118	0.092
38	44.12	-123.22	TransMax	0.585	0.664	0.640	0.703	0.709	0.711	0.720	0.714	0.695	0.669	0.597	0.566
38	44.12	-123.22	TransMin	0.081	0.092	0.136	0.141	0.125	0.120	0.133	0.223	0.103	0.127	0.062	0.082
38	44.12	-123.22	TransT5	0.585	0.654	0.626	0.687	0.691	0.703	0.697	0.696	0.676	0.650	0.597	0.585
38	44.12	-123.22	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
38	44.12	-123.22	TransI5	0.380	0.654	******	******	******	******	0.680	0.684	0.679	0.636	******	******
38	44.12	-123.22	TransI10	0.380	0.654	0.517	0.692	******	******	0.686	0.684	0.679	0.626	0.327	0.566
56	44.04	-89.30	SrfDwn	******	******	******	******	******	******	******	******	******	94	110	******
56	44.04	-89.30	TosDwn	******	******	******	******	******	******	******	******	******	241	166	******
56	44.04	-89.30	CosZAvg	******	******	******	******	******	******	******	******	******	0.175	0.119	******
56	44.04	-89.30	TransMax	******	******	******	******	******	******	******	******	******	0.638	0.652	******
56	44.04	-89.30	TransMin	******	******	******	******	******	******	******	******	******	0.047	0.473	******
56	44.04	-89.30	TransT5	******	******	******	******	******	******	******	******	******	0.638	0.652	******
56	44.04	-89.30	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
56	44.04	-89.30	TransI5	******	******	******	******	******	******	******	******	******	0.596	******	******
56	44.04	-89.30	TransI10	******	******	******	******	******	******	******	******	******	0.576	******	******
40	43.97	-89.80	SrfDwn	******	******	******	******	******	******	******	******	******	90	114	******
40	43.97	-89.80	TosDwn	******	******	******	******	******	******	******	******	******	241	166	******
40	43.97	-89.80	CosZAvg	******	******	******	******	******	******	******	******	******	0.176	0.119	******
40	43.97	-89.80	TransMax	******	******	******	******	******	******	******	******	******	0.705	0.679	******
40	43.97	-89.80	TransMin	******	******	******	******	******	******	******	******	******	0.077	0.481	******
40	43.97	-89.80	TransT5	******	******	******	******	******	******	******	******	******	0.705	0.679	******
40	43.97	-89.80	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
40	43.97	-89.80	TransI5	******	******	******	******	******	******	******	******	******	0.650	******	******
40	43.97	-89.80	TransI10	******	******	******	******	******	******	******	******	******	0.610	******	******
45	43.96	-90.76	SrfDwn	******	******	******	******	******	******	******	******	******	99	111	******
45	43.96	-90.76	TosDwn	******	******	******	******	******	******	******	******	******	242	166	******
45	43.96	-90.76	CosZAvg	******	******	******	******	******	******	******	******	******	0.176	0.119	******
45	43.96	-90.76	TransMax	******	******	******	******	******	******	******	******	******	0.641	0.692	******
45	43.96	-90.76	TransMin	******	******	******	******	******	******	******	******	******	0.088	0.447	******
45	43.96	-90.76	TransT5	******	******	******	******	******	******	******	******	******	0.635	0.692	******
45	43.96	-90.76	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
45	43.96	-90.76	TransI5	******	******	******	******	******	******	******	******	******	0.616	******	******
45	43.96	-90.76	TransI10	******	******	******	******	******	******	******	******	******	0.593	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B	31	43.93	-60.02	SrfDwn	47	83	129	141	238	218	231	194	160	97	54	47
B	31	43.93	-60.02	TOADwn	150	213	301	390	455	482	467	413	332	242	167	132
B	31	43.93	-60.02	CosZAvg	0.108	0.153	0.219	0.288	0.341	0.365	0.354	0.310	0.246	0.176	0.119	0.093
B	31	43.93	-60.02	TransMax	0.726	0.741	0.748	0.772	0.769	0.770	0.756	0.766	0.718	0.724	0.656	0.691
B	31	43.93	-60.02	TransMin	0.076	0.075	0.083	0.124	0.138	0.061	0.167	0.075	0.080	0.073	0.072	0.100
B	31	43.93	-60.02	TransT5	0.726	0.722	0.739	0.772	0.755	0.760	0.731	0.766	0.714	0.723	0.646	0.691
B	31	43.93	-60.02	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	31	43.93	-60.02	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
B	31	43.93	-60.02	Transl10	******	0.716	0.728	******	******	******	******	******	******	******	******	******
B	32	43.80	-79.55	SrfDwn	65	99	168	188	226	259	244	210	106	109	66	36
B	32	43.80	-79.55	TOADwn	151	214	302	391	455	482	467	413	333	243	168	133
B	32	43.80	-79.55	CosZAvg	0.107	0.153	0.219	0.289	0.341	0.365	0.354	0.311	0.247	0.177	0.120	0.094
B	32	43.80	-79.55	TransMax	0.712	0.784	0.753	0.761	0.742	0.763	0.737	0.733	0.719	0.742	0.685	0.667
B	32	43.80	-79.55	TransMin	0.074	0.122	0.196	0.052	0.080	0.136	0.121	0.125	0.078	0.054	0.077	0.081
B	32	43.80	-79.55	TransT5	0.691	0.784	0.749	0.747	0.730	0.748	0.732	0.722	0.702	0.731	0.671	0.667
B	32	43.80	-79.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	32	43.80	-79.55	Transl5	******	******	******	******	******	0.721	0.689	******	******	0.695	******	******
B	32	43.80	-79.55	Transl10	******	0.775	0.704	******	******	0.718	0.689	0.712	0.719	0.704	******	******
B	33	43.67	-79.38	SrfDwn	58	78	143	184	234	256	242	212	132	107	73	31
B	33	43.67	-79.38	TOADwn	152	215	303	391	455	482	467	414	333	244	168	133
B	33	43.67	-79.38	CosZAvg	0.108	0.154	0.220	0.289	0.341	0.365	0.354	0.311	0.247	0.177	0.121	0.095
B	33	43.67	-79.38	TransMax	0.689	0.761	0.758	0.752	0.755	0.767	0.760	0.736	0.736	0.723	0.700	0.686
B	33	43.67	-79.38	TransMin	0.043	0.077	0.062	0.057	0.069	0.104	0.104	0.157	0.074	0.055	0.077	0.055
B	33	43.67	-79.38	TransT5	0.675	0.754	0.748	0.737	0.742	0.752	0.760	0.722	0.726	0.712	0.687	0.670
B	33	43.67	-79.38	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	33	43.67	-79.38	Transl5	******	******	******	******	******	0.727	0.698	******	******	0.708	******	******
B	33	43.67	-79.38	Transl10	******	0.747	0.717	******	******	0.733	0.698	0.727	0.736	0.705	******	******
B	34	43.65	-80.42	SrfDwn	78	110	153	184	224	253	249	216	129	106	72	46
B	34	43.65	-80.42	TOADwn	152	215	303	391	455	482	467	414	334	244	169	134
B	34	43.65	-80.42	CosZAvg	0.108	0.154	0.220	0.289	0.341	0.365	0.354	0.311	0.247	0.177	0.121	0.095
B	34	43.65	-80.42	TransMax	0.760	0.803	0.785	0.775	0.752	0.798	0.746	0.742	0.718	0.728	0.707	0.713
B	34	43.65	-80.42	TransMin	0.106	0.135	0.082	0.077	0.102	0.134	0.161	0.142	0.082	0.058	0.088	0.143
B	34	43.65	-80.42	TransT5	0.759	0.782	0.775	0.756	0.749	0.778	0.729	0.731	0.711	0.711	0.695	0.713
B	34	43.65	-80.42	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	34	43.65	-80.42	Transl5	******	******	******	******	******	******	******	******	******	0.723	******	******
B	34	43.65	-80.42	Transl10	******	******	******	******	******	******	0.690	******	******	0.694	******	******
B	39	43.58	-119.05	SrfDwn	74	106	169	241	275	337	322	280	185	159	80	55
B	39	43.58	-119.05	TOADwn	153	216	304	392	456	482	467	414	334	244	169	134
B	39	43.58	-119.05	CosZAvg	0.108	0.155	0.220	0.289	0.342	0.365	0.354	0.311	0.247	0.177	0.121	0.095
B	39	43.58	-119.05	TransMax	0.714	0.734	0.745	0.754	0.773	0.785	0.786	0.755	0.750	0.745	0.682	0.667
B	39	43.58	-119.05	TransMin	0.241	0.194	0.177	0.269	0.294	0.526	0.318	0.358	0.224	0.291	0.168	0.174
B	39	43.58	-119.05	TransT5	0.701	0.721	0.733	0.743	0.760	0.763	0.763	0.741	0.734	0.725	0.673	0.660
B	39	43.58	-119.05	Transl0	******	******	******	******	******	******	******	0.755	******	******	******	0.663
B	39	43.58	-119.05	Transl5	0.643	0.686	******	0.754	0.753	******	0.751	0.755	0.739	0.716	0.675	0.663
B	39	43.58	-119.05	Transl10	0.643	0.686	******	0.754	0.753	0.763	0.751	0.744	0.739	0.715	0.675	0.633
B	50	43.56	-89.48	SrfDwn	******	******	******	******	******	******	******	******	******	98	109	******
B	50	43.56	-89.48	TOADwn	******	******	******	******	******	******	******	******	******	244	169	******
B	50	43.56	-89.48	CosZAvg	******	******	******	******	******	******	******	******	******	0.178	0.121	******
B	50	43.56	-89.48	TransMax	******	******	******	******	******	******	******	******	******	0.657	0.718	******
B	50	43.56	-89.48	TransMin	******	******	******	******	******	******	******	******	******	0.057	0.377	******
B	50	43.56	-89.48	TransT5	******	******	******	******	******	******	******	******	******	0.649	0.718	******
B	50	43.56	-89.48	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	50	43.56	-89.48	Transl5	******	******	******	******	******	******	******	******	******	0.655	******	******
B	50	43.56	-89.48	Transl10	******	******	******	******	******	******	******	******	******	0.625	******	******
B	51	43.53	-89.97	SrfDwn	******	******	******	******	******	******	******	******	******	103	115	******
B	51	43.53	-89.97	TOADwn	******	******	******	******	******	******	******	******	******	244	169	******
B	51	43.53	-89.97	CosZAvg	******	******	******	******	******	******	******	******	******	0.178	0.121	******
B	51	43.53	-89.97	TransMax	******	******	******	******	******	******	******	******	******	0.748	0.758	******
B	51	43.53	-89.97	TransMin	******	******	******	******	******	******	******	******	******	0.070	0.400	******
B	51	43.53	-89.97	TransT5	******	******	******	******	******	******	******	******	******	0.748	0.758	******
B	51	43.53	-89.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	51	43.53	-89.97	Transl5	******	******	******	******	******	******	******	******	******	0.679	******	******
B	51	43.53	-89.97	Transl10	******	******	******	******	******	******	******	******	******	0.651	******	******
B	43	43.52	-89.77	SrfDwn	******	******	******	******	******	******	******	******	******	101	106	******
B	43	43.52	-89.77	TOADwn	******	******	******	******	******	******	******	******	******	244	169	******
B	43	43.52	-89.77	CosZAvg	******	******	******	******	******	******	******	******	******	0.178	0.121	******
B	43	43.52	-89.77	TransMax	******	******	******	******	******	******	******	******	******	0.683	0.699	******
B	43	43.52	-89.77	TransMin	******	******	******	******	******	******	******	******	******	0.067	0.372	******
B	43	43.52	-89.77	TransT5	******	******	******	******	******	******	******	******	******	0.672	0.699	******
B	43	43.52	-89.77	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	43	43.52	-89.77	Transl5	******	******	******	******	******	******	******	******	******	0.683	******	******
B	43	43.52	-89.77	Transl10	******	******	******	******	******	******	******	******	******	0.653	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B	42	43.33	-89.37	SrfDwn	******	******	******	******	******	******	******	******	******	104	117	******
B	42	43.33	-89.37	TosDwn	******	******	******	******	******	******	******	******	******	246	171	******
B	42	43.33	-89.37	CosZAvg	******	******	******	******	******	******	******	******	******	0.179	0.122	******
B	42	43.33	-89.37	TransMax	******	******	******	******	******	******	******	******	******	0.708	0.805	******
B	42	43.33	-89.37	TransMin	******	******	******	******	******	******	******	******	******	0.070	0.362	******
B	42	43.33	-89.37	TransT5	******	******	******	******	******	******	******	******	******	0.698	0.805	******
B	42	43.33	-89.37	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	42	43.33	-89.37	Transl5	******	******	******	******	******	******	******	******	******	0.699	******	******
B	42	43.33	-89.37	Transl10	******	******	******	******	******	******	******	******	******	0.664	******	******
B	52	43.30	-89.74	SrfDwn	******	******	******	******	******	******	******	******	******	104	106	******
B	52	43.30	-89.74	TosDwn	******	******	******	******	******	******	******	******	******	246	171	******
B	52	43.30	-89.74	CosZAvg	******	******	******	******	******	******	******	******	******	0.179	0.122	******
B	52	43.30	-89.74	TransMax	******	******	******	******	******	******	******	******	******	0.720	0.717	******
B	52	43.30	-89.74	TransMin	******	******	******	******	******	******	******	******	******	0.076	0.348	******
B	52	43.30	-89.74	TransT5	******	******	******	******	******	******	******	******	******	0.704	0.717	******
B	52	43.30	-89.74	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	52	43.30	-89.74	Transl5	******	******	******	******	******	******	******	******	******	0.680	******	******
B	52	43.30	-89.74	Transl10	******	******	******	******	******	******	******	******	******	0.629	******	******
B	49	43.28	-90.04	SrfDwn	******	******	******	******	******	******	******	******	******	104	109	******
B	49	43.28	-90.04	TosDwn	******	******	******	******	******	******	******	******	******	246	171	******
B	49	43.28	-90.04	CosZAvg	******	******	******	******	******	******	******	******	******	0.179	0.123	******
B	49	43.28	-90.04	TransMax	******	******	******	******	******	******	******	******	******	0.717	0.751	******
B	49	43.28	-90.04	TransMin	******	******	******	******	******	******	******	******	******	0.067	0.343	******
B	49	43.28	-90.04	TransT5	******	******	******	******	******	******	******	******	******	0.717	0.751	******
B	49	43.28	-90.04	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	49	43.28	-90.04	Transl5	******	******	******	******	******	******	******	******	******	0.651	******	******
B	49	43.28	-90.04	Transl10	******	******	******	******	******	******	******	******	******	0.644	******	******
B	54	43.21	-90.19	SrfDwn	******	******	******	******	******	******	******	******	******	104	113	******
B	54	43.21	-90.19	TosDwn	******	******	******	******	******	******	******	******	******	246	172	******
B	54	43.21	-90.19	CosZAvg	******	******	******	******	******	******	******	******	******	0.179	0.123	******
B	54	43.21	-90.19	TransMax	******	******	******	******	******	******	******	******	******	0.720	0.789	******
B	54	43.21	-90.19	TransMin	******	******	******	******	******	******	******	******	******	0.067	0.335	******
B	54	43.21	-90.19	TransT5	******	******	******	******	******	******	******	******	******	0.704	0.789	******
B	54	43.21	-90.19	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	54	43.21	-90.19	Transl5	******	******	******	******	******	******	******	******	******	0.670	******	******
B	54	43.21	-90.19	Transl10	******	******	******	******	******	******	******	******	******	0.674	******	******
B	41	43.16	-89.91	SrfDwn	******	******	******	******	******	******	******	******	******	105	115	******
B	41	43.16	-89.91	TosDwn	******	******	******	******	******	******	******	******	******	247	172	******
B	41	43.16	-89.91	CosZAvg	******	******	******	******	******	******	******	******	******	0.180	0.123	******
B	41	43.16	-89.91	TransMax	******	******	******	******	******	******	******	******	******	0.697	0.798	******
B	41	43.16	-89.91	TransMin	******	******	******	******	******	******	******	******	******	0.074	0.349	******
B	41	43.16	-89.91	TransT5	******	******	******	******	******	******	******	******	******	0.688	0.798	******
B	41	43.16	-89.91	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	41	43.16	-89.91	Transl5	******	******	******	******	******	******	******	******	******	0.658	******	******
B	41	43.16	-89.91	Transl10	******	******	******	******	******	******	******	******	******	0.646	******	******
B	46	43.13	-89.32	SrfDwn	******	******	******	******	******	******	******	******	******	99	103	******
B	46	43.13	-89.32	TosDwn	******	******	******	******	******	******	******	******	******	247	172	******
B	46	43.13	-89.32	CosZAvg	******	******	******	******	******	******	******	******	******	0.180	0.123	******
B	46	43.13	-89.32	TransMax	******	******	******	******	******	******	******	******	******	0.674	0.675	******
B	46	43.13	-89.32	TransMin	******	******	******	******	******	******	******	******	******	0.071	0.348	******
B	46	43.13	-89.32	TransT5	******	******	******	******	******	******	******	******	******	0.658	0.675	******
B	46	43.13	-89.32	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	46	43.13	-89.32	Transl5	******	******	******	******	******	******	******	******	******	0.674	******	******
B	46	43.13	-89.32	Transl10	******	******	******	******	******	******	******	******	******	0.638	******	******
B	47	43.11	-89.53	SrfDwn	******	******	******	******	******	******	******	******	******	104	114	******
B	47	43.11	-89.53	TosDwn	******	******	******	******	******	******	******	******	******	247	172	******
B	47	43.11	-89.53	CosZAvg	******	******	******	******	******	******	******	******	******	0.180	0.123	******
B	47	43.11	-89.53	TransMax	******	******	******	******	******	******	******	******	******	0.700	0.779	******
B	47	43.11	-89.53	TransMin	******	******	******	******	******	******	******	******	******	0.080	0.356	******
B	47	43.11	-89.53	TransT5	******	******	******	******	******	******	******	******	******	0.661	0.779	******
B	47	43.11	-89.53	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	47	43.11	-89.53	Transl5	******	******	******	******	******	******	******	******	******	0.689	******	******
B	47	43.11	-89.53	Transl10	******	******	******	******	******	******	******	******	******	0.630	******	******
B	48	43.00	-89.74	SrfDwn	******	******	******	******	******	******	******	******	******	103	107	******
B	48	43.00	-89.74	TosDwn	******	******	******	******	******	******	******	******	******	248	173	******
B	48	43.00	-89.74	CosZAvg	******	******	******	******	******	******	******	******	******	0.180	0.124	******
B	48	43.00	-89.74	TransMax	******	******	******	******	******	******	******	******	******	0.703	0.724	******
B	48	43.00	-89.74	TransMin	******	******	******	******	******	******	******	******	******	0.093	0.337	******
B	48	43.00	-89.74	TransT5	******	******	******	******	******	******	******	******	******	0.680	0.724	******
B	48	43.00	-89.74	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
B	48	43.00	-89.74	Transl5	******	******	******	******	******	******	******	******	******	0.675	******	******
B	48	43.00	-89.74	Transl10	******	******	******	******	******	******	******	******	******	0.646	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B	44	42.99	-90.15	SrfDwn	******	******	******	******	******	******	******	******	******	107	119	******
B	44	42.99	-90.15	TopDwn	******	******	******	******	******	******	******	******	******	248	173	******
B	44	42.99	-90.15	CosZAvg	******	******	******	******	******	******	******	******	******	0.180	0.124	******
B	44	42.99	-90.15	TransMax	******	******	******	******	******	******	******	******	******	0.753	0.658	******
B	44	42.99	-90.15	TransMin	******	******	******	******	******	******	******	******	******	0.073	0.316	******
B	44	42.99	-90.15	TransT5	******	******	******	******	******	******	******	******	******	0.753	0.658	******
B	44	42.99	-90.15	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
B	44	42.99	-90.15	TransI5	******	******	******	******	******	******	******	******	******	0.665	******	******
B	44	42.99	-90.15	TransI10	******	******	******	******	******	******	******	******	******	0.673	******	******
B	36	32.13	-81.20	SrfDwn	119	147	205	284	280	257	264	209	192	148	93	84
B	36	32.13	-81.20	TopDwn	233	289	360	423	463	477	468	436	381	312	248	216
B	36	32.13	-81.20	CosZAvg	0.165	0.207	0.261	0.312	0.347	0.361	0.355	0.327	0.282	0.227	0.177	0.153
B	36	32.13	-81.20	TransMax	0.719	0.713	0.768	0.780	0.772	0.682	0.704	0.688	0.680	0.722	0.692	0.695
B	36	32.13	-81.20	TransMin	0.093	0.083	0.157	0.372	0.370	0.229	0.121	0.085	0.258	0.163	0.139	0.089
B	36	32.13	-81.20	TransT5	0.703	0.699	0.749	0.780	0.761	0.674	0.704	0.689	0.680	0.710	0.692	0.678
B	36	32.13	-81.20	TransI0	******	******	******	******	0.706	******	******	******	******	******	******	******
B	36	32.13	-81.20	TransI5	0.696	******	0.725	0.747	0.734	******	******	******	0.554	0.623	0.692	******
B	36	32.13	-81.20	TransI10	0.703	******	0.725	0.725	0.734	0.657	0.581	0.639	0.539	0.638	0.692	******
B	37	29.18	-81.05	SrfDwn	127	153	211	284	261	237	242	226	207	169	125	99
B	37	29.18	-81.05	TopDwn	254	307	372	429	462	474	466	439	391	327	267	237
B	37	29.18	-81.05	CosZAvg	0.180	0.219	0.270	0.317	0.347	0.358	0.353	0.330	0.289	0.238	0.191	0.168
B	37	29.18	-81.05	TransMax	0.702	0.686	0.725	0.736	0.637	0.629	0.681	0.674	0.623	0.688	0.655	0.622
B	37	29.18	-81.05	TransMin	0.125	0.125	0.232	0.356	0.389	0.289	0.194	0.266	0.196	0.255	0.226	0.113
B	37	29.18	-81.05	TransT5	0.686	0.682	0.712	0.717	0.624	0.618	0.673	0.658	0.601	0.680	0.649	0.622
B	37	29.18	-81.05	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
B	37	29.18	-81.05	TransI5	0.693	******	0.709	0.676	0.624	******	******	******	******	******	******	******
B	37	29.18	-81.05	TransI10	0.682	0.686	0.714	0.704	0.628	******	0.655	0.578	******	0.591	******	******
C	190	59.35	18.07	SrfDwn	10	49	89	135	234	239	212	127	123	47	17	7
C	190	59.35	18.07	TopDwn	45	105	206	325	425	474	450	383	250	139	61	31
C	190	59.35	18.07	CosZAvg	0.032	0.075	0.149	0.240	0.319	0.358	0.340	0.273	0.185	0.101	0.044	0.022
C	190	59.35	18.07	TransMax	0.583	0.692	0.676	0.705	0.727	0.695	0.696	0.628	0.696	0.686	0.615	0.581
C	190	59.35	18.07	TransMin	0.051	0.068	0.054	0.070	0.109	0.057	0.093	0.117	0.107	0.061	0.046	0.048
C	190	59.35	18.07	TransT5	0.583	0.680	0.669	0.692	0.710	0.682	0.687	0.613	0.685	0.686	0.602	0.580
C	190	59.35	18.07	TransI0	******	******	0.562	******	******	******	******	******	******	******	******	******
C	190	59.35	18.07	TransI5	******	0.653	0.498	0.701	******	******	******	******	******	******	******	******
C	190	59.35	18.07	TransI10	******	0.554	0.525	0.701	0.685	0.683	******	******	0.660	0.588	******	******
C	92	57.20	-3.83	SrfDwn	17	48	88	******	187	210	180	125	106	59	22	12
C	92	57.20	-3.83	TopDwn	59	120	220	******	430	475	452	371	282	154	75	43
C	92	57.20	-3.83	CosZAvg	0.042	0.086	0.160	******	0.323	0.359	0.343	0.279	0.194	0.112	0.054	0.030
C	92	57.20	-3.83	TransMax	0.607	0.789	0.741	******	0.655	0.734	0.646	0.686	0.688	0.739	0.521	0.554
C	92	57.20	-3.83	TransMin	0.091	0.082	0.172	******	0.166	0.051	0.173	0.106	0.159	0.176	0.095	0.117
C	92	57.20	-3.83	TransT5	0.607	0.789	0.741	******	0.655	0.716	0.646	0.686	0.688	0.739	0.521	0.554
C	92	57.20	-3.83	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
C	92	57.20	-3.83	TransI5	******	******	******	******	******	******	******	******	******	******	******	******
C	92	57.20	-3.83	TransI10	******	******	******	******	******	******	******	******	******	******	******	******
C	93	57.20	-2.22	SrfDwn	16	37	87	131	189	212	180	140	116	65	29	12
C	93	57.20	-2.22	TopDwn	59	120	220	335	430	475	452	371	282	154	75	43
C	93	57.20	-2.22	CosZAvg	0.042	0.086	0.160	0.248	0.323	0.359	0.343	0.279	0.194	0.112	0.054	0.030
C	93	57.20	-2.22	TransMax	0.605	0.572	0.676	0.695	0.704	0.681	0.665	0.681	0.645	0.650	0.602	0.493
C	93	57.20	-2.22	TransMin	0.015	0.042	0.073	0.084	0.067	0.073	0.266	0.134	0.086	0.082	0.129	0.044
C	93	57.20	-2.22	TransT5	0.605	0.560	0.662	0.687	0.690	0.668	0.665	0.681	0.638	0.636	0.602	0.493
C	93	57.20	-2.22	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
C	93	57.20	-2.22	TransI5	******	******	******	******	******	******	******	******	******	******	******	******
C	93	57.20	-2.22	TransI10	******	******	******	******	******	******	******	******	******	******	******	******
C	94	56.47	-5.43	SrfDwn	16	56	78	149	145	214	162	180	130	51	21	11
C	94	56.47	-5.43	TopDwn	63	126	225	339	432	476	453	374	286	159	80	47
C	94	56.47	-5.43	CosZAvg	0.045	0.090	0.163	0.250	0.324	0.360	0.343	0.281	0.197	0.116	0.057	0.034
C	94	56.47	-5.43	TransMax	0.840	0.714	0.730	0.742	0.688	0.803	0.715	0.775	0.820	0.572	0.683	0.610
C	94	56.47	-5.43	TransMin	0.035	0.104	0.026	0.113	0.054	0.128	0.085	0.155	0.082	0.072	0.039	0.021
C	94	56.47	-5.43	TransT5	0.840	0.700	0.722	0.742	0.682	0.792	0.715	0.761	0.804	0.572	0.683	0.610
C	94	56.47	-5.43	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
C	94	56.47	-5.43	TransI5	******	0.651	******	******	******	******	******	******	******	******	******	******
C	94	56.47	-5.43	TransI10	******	0.651	******	******	******	******	******	******	******	******	******	******
C	95	56.43	-2.87	SrfDwn	19	39	91	121	173	219	198	145	124	63	31	14
C	95	56.43	-2.87	TopDwn	64	126	225	339	432	476	453	374	267	159	80	48
C	95	56.43	-2.87	CosZAvg	0.045	0.090	0.163	0.250	0.324	0.360	0.343	0.281	0.198	0.116	0.058	0.034
C	95	56.43	-2.87	TransMax	0.582	0.679	0.656	0.655	0.646	0.732	0.686	0.681	0.684	0.624	0.577	0.897
C	95	56.43	-2.87	TransMin	0.028	0.034	0.103	0.107	0.069	0.122	0.136	0.085	0.144	0.139	0.056	0.012
C	95	56.43	-2.87	TransT5	0.578	0.679	0.656	0.642	0.641	0.717	0.671	0.681	0.671	0.611	0.577	0.897
C	95	56.43	-2.87	TransI0	******	******	******	******	******	******	******	******	******	******	******	******
C	95	56.43	-2.87	TransI5	******	******	******	******	******	******	******	******	******	******	******	******
C	95	56.43	-2.87	TransI10	******	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	26	55.67	12.30	SrfDwn	21	65	71	140	199	243	212	171	114	63	25	15
C	26	55.67	12.30	TotDwn	69	131	230	342	434	476	455	377	271	165	86	52
C	26	55.67	12.30	CosZAvg	0.049	0.094	0.167	0.253	0.325	0.360	0.344	0.283	0.201	0.120	0.061	0.037
C	26	55.67	12.30	TransMax	0.926	0.784	0.823	0.757	0.719	0.741	0.697	0.682	0.682	0.661	0.636	0.571
C	26	55.67	12.30	TransMin	0.088	0.040	0.072	0.081	0.080	0.120	0.088	0.110	0.046	0.058	0.072	0.094
C	26	55.67	12.30	TransT5	0.926	0.784	0.823	0.757	0.700	0.722	0.686	0.682	0.646	0.649	0.622	0.565
C	26	55.67	12.30	Transl0	0.628	0.633	******	******	******	******	******	******	******	******	******	******
C	26	55.67	12.30	Transl5	0.491	0.599	0.649	******	******	******	******	******	******	0.637	******	******
C	26	55.67	12.30	Transl10	0.501	0.620	0.707	0.709	******	******	******	******	******	0.637	******	******
C	119	55.37	-7.33	SrfDwn	16	50	92	164	172	209	163	150	130	63	28	13
C	119	55.37	-7.33	TotDwn	71	133	232	344	434	476	455	378	273	166	87	54
C	119	55.37	-7.33	CosZAvg	0.050	0.095	0.169	0.254	0.326	0.360	0.344	0.284	0.202	0.121	0.063	0.038
C	119	55.37	-7.33	TransMax	0.500	0.682	0.674	0.752	0.708	0.747	0.699	0.683	0.696	0.640	0.542	0.545
C	119	55.37	-7.33	TransMin	0.051	0.039	0.087	0.059	0.159	0.155	0.118	0.160	0.100	0.086	0.096	0.051
C	119	55.37	-7.33	TransT5	0.500	0.665	0.661	0.741	0.697	0.747	0.699	0.689	0.683	0.640	0.542	0.545
C	119	55.37	-7.33	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	119	55.37	-7.33	Transl5	******	0.624	******	******	******	******	******	******	******	******	******	******
C	119	55.37	-7.33	Transl10	******	0.624	******	******	******	******	******	******	******	******	******	******
C	96	55.32	-3.20	SrfDwn	17	******	73	114	131	203	147	127	116	54	28	******
C	96	55.32	-3.20	TotDwn	71	******	232	344	434	476	455	378	273	167	86	******
C	96	55.32	-3.20	CosZAvg	0.050	******	0.169	0.254	0.326	0.360	0.345	0.284	0.202	0.122	0.063	******
C	96	55.32	-3.20	TransMax	0.583	******	0.567	0.683	0.601	0.741	0.672	0.654	0.698	0.637	0.607	******
C	96	55.32	-3.20	TransMin	0.029	******	0.025	0.056	0.083	0.119	0.089	0.071	0.052	0.052	0.041	******
C	96	55.32	-3.20	TransT5	0.583	******	0.567	0.683	0.588	0.741	0.672	0.654	0.685	0.635	0.607	******
C	96	55.32	-3.20	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	96	55.32	-3.20	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	96	55.32	-3.20	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	61	55.02	8.42	SrfDwn	26	72	76	159	218	251	217	173	110	59	23	16
C	61	55.02	8.42	TotDwn	73	136	234	345	435	477	456	379	275	169	90	56
C	61	55.02	8.42	CosZAvg	0.052	0.097	0.170	0.255	0.326	0.361	0.345	0.285	0.204	0.123	0.064	0.040
C	61	55.02	8.42	TransMax	0.636	0.771	0.758	0.717	0.710	0.729	0.668	0.690	0.685	0.624	0.564	0.540
C	61	55.02	8.42	TransMin	0.043	0.065	0.075	0.106	0.109	0.164	0.166	0.114	0.143	0.073	0.075	0.041
C	61	55.02	8.42	TransT5	0.622	0.771	0.743	0.698	0.699	0.711	0.668	0.673	0.650	0.613	0.564	0.540
C	61	55.02	8.42	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	61	55.02	8.42	Transl5	0.636	0.707	******	******	******	******	******	******	******	******	******	******
C	61	55.02	8.42	Transl10	0.636	0.707	0.693	0.631	0.701	0.694	******	******	******	0.624	******	******
C	154	54.88	23.88	SrfDwn	23	75	104	158	231	271	233	194	117	65	24	15
C	154	54.88	23.88	TotDwn	74	137	235	346	435	477	456	380	276	170	91	57
C	154	54.88	23.88	CosZAvg	0.052	0.098	0.171	0.255	0.326	0.361	0.345	0.286	0.204	0.124	0.065	0.041
C	154	54.88	23.88	TransMax	0.510	0.771	0.816	0.899	0.820	0.762	0.767	0.770	0.748	0.794	0.674	0.624
C	154	54.88	23.88	TransMin	0.163	0.311	0.083	0.082	0.102	0.141	0.139	0.106	0.076	0.126	0.073	0.056
C	154	54.88	23.88	TransT5	0.499	0.753	0.816	0.899	0.802	0.771	0.752	0.763	0.745	0.794	0.663	0.624
C	154	54.88	23.88	Transl0	0.342	0.572	0.754	******	0.768	******	0.706	0.763	******	******	******	******
C	154	54.88	23.88	Transl5	0.340	0.601	0.739	0.714	0.752	0.775	0.706	0.763	******	0.597	******	******
C	154	54.88	23.88	Transl10	0.404	0.610	0.637	0.714	0.748	0.776	0.706	0.753	******	0.597	******	******
C	97	54.65	-6.22	SrfDwn	******	******	96	149	166	195	******	******	89	66	33	16
C	97	54.65	-6.22	TotDwn	******	******	237	347	436	477	******	******	277	171	92	59
C	97	54.65	-6.22	CosZAvg	******	******	0.172	0.256	0.327	0.361	******	******	0.205	0.125	0.066	0.042
C	97	54.65	-6.22	TransMax	******	******	0.722	0.727	0.626	0.702	******	******	0.658	0.618	0.619	0.558
C	97	54.65	-6.22	TransMin	******	******	0.104	0.086	0.119	0.170	******	******	0.076	0.129	0.107	0.068
C	97	54.65	-6.22	TransT5	******	******	0.722	0.727	0.626	0.702	******	******	0.649	0.604	0.619	0.558
C	97	54.65	-6.22	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	97	54.65	-6.22	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	97	54.65	-6.22	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	62	54.53	9.55	SrfDwn	23	61	61	133	196	251	208	166	105	63	24	17
C	62	54.53	9.55	TotDwn	76	139	237	348	436	477	456	381	278	172	93	59
C	62	54.53	9.55	CosZAvg	0.054	0.099	0.172	0.257	0.327	0.361	0.345	0.286	0.206	0.126	0.067	0.042
C	62	54.53	9.55	TransMax	0.647	0.710	0.729	0.709	0.703	0.736	0.684	0.674	0.696	0.627	0.639	0.590
C	62	54.53	9.55	TransMin	0.037	0.036	0.052	0.112	0.102	0.107	0.133	0.084	0.077	0.067	0.052	0.036
C	62	54.53	9.55	TransT5	0.634	0.697	0.722	0.709	0.692	0.718	0.675	0.665	0.696	0.627	0.639	0.590
C	62	54.53	9.55	Transl0	******	0.710	******	******	******	******	******	******	******	******	******	0.456
C	62	54.53	9.55	Transl5	0.647	0.576	0.672	******	******	******	******	******	******	******	******	0.456
C	62	54.53	9.55	Transl10	0.326	0.595	0.691	******	0.684	******	******	******	******	******	******	0.456
C	120	54.23	-10.00	SrfDwn	22	59	90	156	175	178	147	153	124	63	27	16
C	120	54.23	-10.00	TotDwn	78	141	239	349	437	477	456	382	279	174	95	61
C	120	54.23	-10.00	CosZAvg	0.055	0.101	0.174	0.258	0.327	0.361	0.346	0.287	0.207	0.127	0.068	0.043
C	120	54.23	-10.00	TransMax	0.525	0.671	0.677	0.671	0.635	0.606	0.581	0.610	0.667	0.583	0.509	0.520
C	120	54.23	-10.00	TransMin	0.053	0.074	0.072	0.107	0.105	0.097	0.114	0.053	0.158	0.061	0.072	0.054
C	120	54.23	-10.00	TransT5	0.518	0.658	0.677	0.658	0.617	0.595	0.569	0.602	0.660	0.583	0.499	0.520
C	120	54.23	-10.00	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	120	54.23	-10.00	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	120	54.23	-10.00	Transl10	******	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	121	54.18	-7.23	SrfDwn	22	54	94	144	173	196	157	140	130	64	34	17
C	121	54.18	-7.23	TosDwn	78	142	240	349	437	477	457	382	279	175	95	62
C	121	54.18	-7.23	CosZAvg	0.056	0.101	0.174	0.258	0.327	0.361	0.346	0.287	0.207	0.127	0.088	0.044
C	121	54.18	-7.23	TransMax	0.783	0.679	0.753	0.664	0.731	0.673	0.532	0.620	0.701	0.632	0.626	0.516
C	121	54.18	-7.23	TransMin	0.056	0.080	0.085	0.086	0.116	0.175	0.122	0.110	0.119	0.108	0.097	0.084
C	121	54.18	-7.23	TransT5	0.783	0.679	0.753	0.664	0.731	0.673	0.523	0.612	0.686	0.622	0.626	0.503
C	121	54.18	-7.23	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	121	54.18	-7.23	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
C	121	54.18	-7.23	Trans110	******	0.581	0.753	******	******	******	******	******	******	******	******	******
C	160	54.18	15.58	SrfDwn	18	63	87	115	251	250	237	191	112	65	32	14
C	160	54.18	15.58	TosDwn	78	142	240	349	437	477	457	382	280	175	96	62
C	160	54.18	15.58	CosZAvg	0.056	0.101	0.174	0.258	0.327	0.361	0.346	0.287	0.207	0.127	0.089	0.044
C	160	54.18	15.58	TransMax	0.543	0.659	0.728	0.725	0.817	0.767	0.751	0.705	0.683	0.695	0.677	0.485
C	160	54.18	15.58	TransMin	0.057	0.159	0.084	0.058	0.137	0.051	0.208	0.102	0.145	0.096	0.083	0.082
C	160	54.18	15.58	TransT5	0.530	0.646	0.728	0.725	0.817	0.750	0.739	0.686	0.686	0.695	0.677	0.485
C	160	54.18	15.58	Trans10	******	******	******	******	******	******	******	******	******	******	******	0.485
C	160	54.18	15.58	Trans15	******	0.604	******	******	******	******	******	******	******	******	******	0.485
C	160	54.18	15.58	Trans110	0.543	0.599	0.650	******	******	******	******	0.657	******	******	******	0.485
C	63	54.15	11.85	SrfDwn	20	41	******	141	238	263	211	190	129	70	37	16
C	63	54.15	11.85	TosDwn	79	142	******	349	437	477	457	382	280	175	96	62
C	63	54.15	11.85	CosZAvg	0.056	0.101	******	0.258	0.327	0.361	0.346	0.287	0.207	0.127	0.089	0.044
C	63	54.15	11.85	TransMax	0.580	0.634	******	0.791	0.799	0.764	0.723	0.717	0.735	0.686	0.689	0.562
C	63	54.15	11.85	TransMin	0.031	0.050	******	0.073	0.175	0.144	0.154	0.104	0.124	0.087	0.088	0.067
C	63	54.15	11.85	TransT5	0.580	0.629	******	0.775	0.784	0.748	0.714	0.709	0.716	0.675	0.689	0.562
C	63	54.15	11.85	Trans10	******	******	******	******	******	******	******	******	******	******	******	0.482
C	63	54.15	11.85	Trans15	0.498	******	******	******	******	******	******	******	******	******	******	0.482
C	63	54.15	11.85	Trans110	0.273	0.634	******	******	0.775	******	******	******	******	******	******	0.482
C	64	53.72	7.15	SrfDwn	24	66	87	159	226	244	213	176	116	68	29	16
C	64	53.72	7.15	TosDwn	82	145	243	351	438	478	457	384	282	178	99	65
C	64	53.72	7.15	CosZAvg	0.058	0.104	0.176	0.259	0.328	0.361	0.346	0.288	0.209	0.130	0.071	0.046
C	64	53.72	7.15	TransMax	0.609	0.701	0.731	0.731	0.708	0.754	0.626	0.697	0.694	0.626	0.609	0.567
C	64	53.72	7.15	TransMin	0.086	0.082	0.077	0.106	0.081	0.136	0.104	0.110	0.099	0.070	0.057	0.054
C	64	53.72	7.15	TransT5	0.606	0.695	0.721	0.723	0.694	0.734	0.608	0.682	0.685	0.626	0.609	0.565
C	64	53.72	7.15	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	64	53.72	7.15	Trans15	******	0.701	******	******	******	0.726	******	******	******	******	******	******
C	64	53.72	7.15	Trans110	******	0.661	0.675	******	******	0.726	******	******	******	******	******	******
C	65	53.63	10.00	SrfDwn	22	66	76	131	206	252	201	169	107	63	35	18
C	65	53.63	10.00	TosDwn	82	145	243	352	438	478	457	384	283	179	99	65
C	65	53.63	10.00	CosZAvg	0.058	0.104	0.176	0.260	0.328	0.361	0.346	0.289	0.209	0.130	0.071	0.046
C	65	53.63	10.00	TransMax	0.610	0.750	0.755	0.727	0.726	0.766	0.687	0.698	0.700	0.697	0.671	0.605
C	65	53.63	10.00	TransMin	0.045	0.076	0.072	0.067	0.073	0.127	0.171	0.071	0.087	0.058	0.055	0.044
C	65	53.63	10.00	TransT5	0.601	0.737	0.753	0.716	0.716	0.741	0.687	0.698	0.700	0.697	0.671	0.605
C	65	53.63	10.00	Trans10	******	0.723	******	******	******	******	******	******	******	******	******	0.487
C	65	53.63	10.00	Trans15	0.592	0.653	0.713	******	******	******	******	******	******	******	******	0.487
C	65	53.63	10.00	Trans110	0.331	0.647	0.726	******	0.705	******	******	******	******	******	******	0.487
C	98	53.55	-2.92	SrfDwn	24	59	99	143	192	203	178	140	129	61	33	18
C	98	53.55	-2.92	TosDwn	83	146	244	352	438	478	457	384	283	179	100	66
C	98	53.55	-2.92	CosZAvg	0.059	0.104	0.177	0.260	0.328	0.361	0.346	0.289	0.210	0.130	0.072	0.047
C	98	53.55	-2.92	TransMax	0.626	0.700	0.697	0.702	0.713	0.700	0.670	0.664	0.677	0.605	0.777	0.866
C	98	53.55	-2.92	TransMin	0.077	0.047	0.130	0.093	0.144	0.120	0.126	0.088	0.122	0.067	0.089	0.059
C	98	53.55	-2.92	TransT5	0.626	0.686	0.689	0.693	0.699	0.699	0.651	0.664	0.664	0.589	0.777	0.866
C	98	53.55	-2.92	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	98	53.55	-2.92	Trans15	******	0.603	******	******	******	******	******	******	******	******	******	0.506
C	98	53.55	-2.92	Trans110	******	0.603	******	******	******	0.700	******	******	******	******	0.470	0.432
C	99	53.48	-1.00	SrfDwn	26	52	84	112	178	209	187	134	131	69	36	19
C	99	53.48	-1.00	TosDwn	83	147	244	352	438	478	458	385	283	179	100	66
C	99	53.48	-1.00	CosZAvg	0.059	0.105	0.177	0.260	0.329	0.361	0.346	0.289	0.210	0.131	0.072	0.047
C	99	53.48	-1.00	TransMax	0.593	0.708	0.604	0.526	0.687	0.643	0.625	0.572	0.637	0.613	0.577	0.554
C	99	53.48	-1.00	TransMin	0.037	0.028	0.117	0.050	0.133	0.268	0.102	0.099	0.249	0.096	0.108	0.075
C	99	53.48	-1.00	TransT5	0.584	0.704	0.604	0.520	0.687	0.643	0.625	0.561	0.635	0.612	0.566	0.543
C	99	53.48	-1.00	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	99	53.48	-1.00	Trans15	******	0.671	******	******	******	******	******	******	******	******	******	0.532
C	99	53.48	-1.00	Trans110	******	0.671	******	******	******	******	******	******	******	******	******	0.513
C	122	53.43	-6.25	SrfDwn	28	48	102	145	188	213	158	141	141	76	37	21
C	122	53.43	-6.25	TosDwn	83	147	244	353	438	478	458	385	284	180	101	66
C	122	53.43	-6.25	CosZAvg	0.059	0.105	0.177	0.260	0.329	0.361	0.346	0.289	0.210	0.131	0.072	0.047
C	122	53.43	-6.25	TransMax	0.683	0.628	0.697	0.620	0.707	0.714	0.521	0.628	0.677	0.645	0.579	0.571
C	122	53.43	-6.25	TransMin	0.026	0.025	0.099	0.082	0.052	0.201	0.161	0.053	0.186	0.185	0.074	0.083
C	122	53.43	-6.25	TransT5	0.683	0.615	0.697	0.610	0.707	0.700	0.521	0.628	0.659	0.624	0.567	0.571
C	122	53.43	-6.25	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	122	53.43	-6.25	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
C	122	53.43	-6.25	Trans110	******	0.600	0.697	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	155	53.13	6.58	SrfDwn	27	77	75	143	212	240	188	168	116	69	33	19
C	155	53.13	6.58	TosDwn	85	149	246	354	439	478	458	386	286	182	103	68
C	155	53.13	6.58	CosZAvg	0.061	0.107	0.179	0.261	0.329	0.362	0.347	0.290	0.211	0.132	0.074	0.049
C	155	53.13	6.58	TransMax	0.682	0.786	0.727	0.700	0.726	0.728	0.628	0.674	0.656	0.602	0.564	0.625
C	155	53.13	6.58	TransMin	0.082	0.056	0.059	0.080	0.117	0.109	0.129	0.100	0.141	0.091	0.086	0.054
C	155	53.13	6.58	TransT5	0.661	0.786	0.727	0.687	0.710	0.715	0.628	0.661	0.642	0.595	0.556	0.625
C	155	53.13	6.58	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	155	53.13	6.58	Transl5	******	0.786	******	******	******	0.705	******	******	******	******	******	******
C	155	53.13	6.58	Transl10	******	0.673	0.643	******	******	0.705	******	******	******	******	******	******
C	123	53.08	-7.88	SrfDwn	26	60	96	138	172	186	148	144	130	73	36	20
C	123	53.08	-7.88	TosDwn	86	149	247	354	439	478	458	386	286	182	103	69
C	123	53.08	-7.88	CosZAvg	0.061	0.107	0.179	0.261	0.329	0.362	0.347	0.290	0.212	0.133	0.074	0.049
C	123	53.08	-7.88	TransMax	0.696	0.710	0.723	0.624	0.680	0.735	0.549	0.615	0.710	0.636	0.639	0.584
C	123	53.08	-7.88	TransMin	0.082	0.054	0.101	0.079	0.059	0.113	0.146	0.050	0.174	0.117	0.125	0.077
C	123	53.08	-7.88	TransT5	0.696	0.702	0.723	0.611	0.674	0.735	0.549	0.608	0.694	0.626	0.624	0.581
C	123	53.08	-7.88	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	123	53.08	-7.88	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	123	53.08	-7.88	Transl10	******	0.598	0.723	******	******	******	******	******	******	******	******	******
C	66	53.05	8.80	SrfDwn	26	75	84	140	205	238	188	166	104	68	32	19
C	66	53.05	8.80	TosDwn	86	150	247	354	439	478	458	386	286	183	103	69
C	66	53.05	8.80	CosZAvg	0.061	0.107	0.179	0.261	0.329	0.362	0.347	0.290	0.212	0.133	0.074	0.049
C	66	53.05	8.80	TransMax	0.693	0.763	0.748	0.643	0.691	0.723	0.663	0.674	0.618	0.606	0.588	0.490
C	66	53.05	8.80	TransMin	0.061	0.086	0.087	0.083	0.090	0.082	0.142	0.118	0.124	0.095	0.082	0.069
C	66	53.05	8.80	TransT5	0.693	0.753	0.748	0.637	0.668	0.706	0.663	0.661	0.606	0.606	0.588	0.461
C	66	53.05	8.80	Transl0	******	0.575	******	******	******	******	******	******	******	******	******	0.400
C	66	53.05	8.80	Transl5	0.693	0.663	0.699	******	******	******	******	******	******	******	******	0.400
C	66	53.05	8.80	Transl10	0.320	0.632	0.695	******	0.635	******	******	******	******	******	******	0.400
C	156	52.92	4.78	SrfDwn	29	79	102	151	250	258	229	188	136	75	34	18
C	156	52.92	4.78	TosDwn	87	151	248	355	439	478	458	387	287	183	104	70
C	156	52.92	4.78	CosZAvg	0.062	0.108	0.180	0.262	0.329	0.362	0.347	0.291	0.212	0.134	0.075	0.050
C	156	52.92	4.78	TransMax	0.675	0.756	0.700	0.726	0.741	0.769	0.681	0.706	0.695	0.695	0.632	0.552
C	156	52.92	4.78	TransMin	0.059	0.047	0.113	0.086	0.180	0.123	0.145	0.112	0.113	0.047	0.113	0.038
C	156	52.92	4.78	TransT5	0.675	0.740	0.683	0.721	0.724	0.752	0.686	0.697	0.686	0.695	0.632	0.550
C	156	52.92	4.78	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	156	52.92	4.78	Transl5	******	0.756	******	******	******	0.716	******	******	******	******	******	******
C	156	52.92	4.78	Transl10	******	0.708	0.683	******	******	0.716	******	******	******	******	******	******
C	100	52.68	1.68	SrfDwn	******	******	******	******	132	253	200	165	138	76	37	25
C	100	52.68	1.68	TosDwn	******	******	******	******	440	478	459	387	288	185	106	71
C	100	52.68	1.68	CosZAvg	******	******	******	******	0.330	0.362	0.347	0.291	0.213	0.135	0.076	0.051
C	100	52.68	1.68	TransMax	******	******	******	******	0.307	0.691	0.668	0.642	0.686	0.684	0.598	0.675
C	100	52.68	1.68	TransMin	******	******	******	******	0.259	0.211	0.120	0.175	0.139	0.134	0.110	0.047
C	100	52.68	1.68	TransT5	******	******	******	******	0.307	0.677	0.656	0.641	0.686	0.684	0.590	0.675
C	100	52.68	1.68	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	100	52.68	1.68	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	100	52.68	1.68	Transl10	******	******	******	******	******	******	******	******	******	0.624	0.560	0.508
C	124	52.67	-7.27	SrfDwn	31	57	109	162	188	189	166	151	140	82	39	22
C	124	52.67	-7.27	TosDwn	89	152	249	356	440	478	459	387	288	185	106	71
C	124	52.67	-7.27	CosZAvg	0.063	0.109	0.181	0.263	0.330	0.362	0.347	0.291	0.213	0.135	0.076	0.051
C	124	52.67	-7.27	TransMax	0.673	0.717	0.739	0.696	0.729	0.721	0.523	0.665	0.731	0.691	0.655	0.605
C	124	52.67	-7.27	TransMin	0.086	0.089	0.074	0.083	0.127	0.135	0.159	0.054	0.226	0.148	0.104	0.053
C	124	52.67	-7.27	TransT5	0.657	0.717	0.739	0.696	0.719	0.719	0.521	0.645	0.714	0.666	0.655	0.590
C	124	52.67	-7.27	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	124	52.67	-7.27	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	124	52.67	-7.27	Transl10	******	0.556	0.739	******	******	******	******	******	******	******	******	******
C	67	52.37	13.08	SrfDwn	23	65	81	116	206	234	205	172	103	76	41	16
C	67	52.37	13.08	TosDwn	91	154	251	357	440	479	459	389	290	187	108	73
C	67	52.37	13.08	CosZAvg	0.064	0.110	0.182	0.264	0.330	0.362	0.348	0.292	0.215	0.136	0.077	0.052
C	67	52.37	13.08	TransMax	0.662	0.692	0.661	0.607	0.698	0.702	0.653	0.638	0.666	0.638	0.621	0.568
C	67	52.37	13.08	TransMin	0.076	0.061	0.083	0.089	0.118	0.092	0.227	0.113	0.107	0.096	0.147	0.042
C	67	52.37	13.08	TransT5	0.662	0.692	0.645	0.607	0.681	0.687	0.640	0.621	0.652	0.620	0.606	0.557
C	67	52.37	13.08	Transl0	******	******	0.650	******	******	******	******	0.606	******	0.563	******	0.568
C	67	52.37	13.08	Transl5	0.283	0.569	0.650	******	0.685	0.679	******	0.606	******	0.572	******	0.568
C	67	52.37	13.08	Transl10	0.283	0.529	0.647	******	0.685	0.668	******	0.599	0.623	0.572	******	0.529
C	68	52.30	10.45	SrfDwn	24	70	83	124	210	232	209	174	109	75	38	22
C	68	52.30	10.45	TosDwn	91	155	251	357	441	479	459	389	290	188	109	74
C	68	52.30	10.45	CosZAvg	0.065	0.111	0.182	0.264	0.330	0.362	0.348	0.292	0.215	0.137	0.078	0.052
C	68	52.30	10.45	TransMax	0.668	0.694	0.695	0.694	0.725	0.731	0.672	0.670	0.666	0.668	0.630	0.569
C	68	52.30	10.45	TransMin	0.090	0.086	0.029	0.052	0.138	0.077	0.170	0.093	0.112	0.120	0.086	0.043
C	68	52.30	10.45	TransT5	0.668	0.678	0.695	0.678	0.704	0.712	0.663	0.656	0.666	0.662	0.621	0.556
C	68	52.30	10.45	Transl0	******	0.653	0.654	******	******	0.692	******	0.656	******	******	******	0.569
C	68	52.30	10.45	Transl5	0.339	0.642	0.654	******	0.703	0.699	******	0.663	******	0.656	******	0.569
C	68	52.30	10.45	Transl10	0.339	0.541	0.654	******	0.703	0.697	0.672	0.663	******	0.606	******	0.460

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	161	52.28	20.97	SrfDwn	22	70	99	138	212	235	192	162	99	73	39	20
C	161	52.28	20.97	ToaDwn	91	155	251	357	441	479	459	389	290	188	109	74
C	161	52.28	20.97	CosZAvg	0.085	0.111	0.182	0.264	0.330	0.362	0.348	0.292	0.215	0.137	0.078	0.052
C	161	52.28	20.97	TransMax	0.532	0.685	0.668	0.625	0.695	0.676	0.631	0.643	0.669	0.645	0.650	0.544
C	161	52.28	20.97	TransMin	0.071	0.129	0.055	0.046	0.078	0.103	0.126	0.096	0.050	0.061	0.061	0.052
C	161	52.28	20.97	TransT5	0.528	0.674	0.650	0.615	0.684	0.659	0.627	0.632	0.659	0.645	0.650	0.527
C	161	52.28	20.97	Transl0	******	******	******	******	0.674	******	******	******	******	0.561	******	******
C	161	52.28	20.97	Transl5	0.532	0.626	0.631	******	0.678	0.659	0.597	0.553	******	0.546	******	******
C	161	52.28	20.97	Transl10	0.458	0.582	0.626	******	0.678	0.632	0.597	0.553	******	0.547	******	0.521
C	69	52.25	8.05	SrfDwn	22	73	82	130	211	242	196	173	109	73	36	20
C	69	52.25	8.05	ToaDwn	91	155	252	358	441	479	459	389	290	188	109	74
C	69	52.25	8.05	CosZAvg	0.085	0.111	0.183	0.264	0.330	0.362	0.348	0.292	0.215	0.137	0.078	0.053
C	69	52.25	8.05	TransMax	0.561	0.701	0.676	0.672	0.717	0.728	0.645	0.697	0.674	0.672	0.609	0.544
C	69	52.25	8.05	TransMin	0.050	0.082	0.079	0.051	0.102	0.101	0.144	0.083	0.147	0.080	0.057	0.045
C	69	52.25	8.05	TransT5	0.561	0.689	0.676	0.666	0.700	0.716	0.644	0.697	0.658	0.665	0.609	0.541
C	69	52.25	8.05	Transl0	******	0.673	0.627	******	******	0.696	******	0.640	******	******	******	0.539
C	69	52.25	8.05	Transl5	0.259	0.656	0.627	******	0.640	0.687	******	0.668	******	0.672	******	0.539
C	69	52.25	8.05	Transl10	0.259	0.576	0.627	******	0.640	0.689	0.643	0.668	******	0.617	******	0.504
C	101	52.13	-4.57	SrfDwn	******	******	94	148	217	228	189	152	138	71	35	21
C	101	52.13	-4.57	ToaDwn	******	******	253	358	441	479	459	389	291	189	110	75
C	101	52.13	-4.57	CosZAvg	******	******	0.183	0.264	0.331	0.362	0.348	0.292	0.216	0.137	0.079	0.053
C	101	52.13	-4.57	TransMax	******	******	0.678	0.709	0.721	0.732	0.646	0.701	0.680	0.692	0.567	0.582
C	101	52.13	-4.57	TransMin	******	******	0.112	0.079	0.164	0.199	0.173	0.054	0.243	0.088	0.096	0.091
C	101	52.13	-4.57	TransT5	******	******	0.678	0.692	0.707	0.720	0.647	0.701	0.651	0.678	0.567	0.573
C	101	52.13	-4.57	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	101	52.13	-4.57	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	101	52.13	-4.57	Transl10	******	******	******	******	******	******	******	******	******	0.635	******	******
C	157	52.10	5.18	SrfDwn	27	73	90	124	212	241	203	170	120	78	33	21
C	157	52.10	5.18	ToaDwn	93	156	253	358	441	479	459	389	291	189	110	75
C	157	52.10	5.18	CosZAvg	0.086	0.112	0.183	0.265	0.331	0.362	0.348	0.293	0.216	0.138	0.079	0.053
C	157	52.10	5.18	TransMax	0.571	0.726	0.608	0.666	0.694	0.716	0.662	0.669	0.676	0.646	0.629	0.599
C	157	52.10	5.18	TransMin	0.049	0.051	0.079	0.078	0.130	0.104	0.121	0.095	0.103	0.074	0.063	0.045
C	157	52.10	5.18	TransT5	0.570	0.718	0.593	0.666	0.683	0.699	0.645	0.669	0.663	0.636	0.614	0.596
C	157	52.10	5.18	Transl0	******	0.651	0.608	******	******	0.669	******	******	******	******	0.599	0.594
C	157	52.10	5.18	Transl5	******	0.660	0.608	******	0.668	0.697	******	0.669	0.676	******	0.599	0.568
C	157	52.10	5.18	Transl10	******	0.582	0.565	******	0.671	0.675	0.628	0.669	0.663	0.646	0.584	0.568
C	125	51.93	-10.25	SrfDwn	26	54	91	178	177	201	144	171	131	68	31	20
C	125	51.93	-10.25	ToaDwn	94	158	254	359	441	479	460	390	292	190	111	76
C	125	51.93	-10.25	CosZAvg	0.086	0.113	0.184	0.265	0.331	0.362	0.348	0.293	0.216	0.138	0.079	0.054
C	125	51.93	-10.25	TransMax	0.442	0.673	0.656	0.740	0.715	0.677	0.656	0.706	0.714	0.654	0.670	0.548
C	125	51.93	-10.25	TransMin	0.101	0.065	0.077	0.122	0.061	0.087	0.121	0.090	0.115	0.058	0.065	0.053
C	125	51.93	-10.25	TransT5	0.435	0.660	0.649	0.732	0.707	0.677	0.656	0.706	0.698	0.640	0.670	0.548
C	125	51.93	-10.25	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	125	51.93	-10.25	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	125	51.93	-10.25	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	70	51.83	6.53	SrfDwn	28	73	82	130	221	249	200	177	121	74	36	22
C	70	51.83	6.53	ToaDwn	94	158	254	359	442	479	460	390	293	191	112	77
C	70	51.83	6.53	CosZAvg	0.087	0.113	0.185	0.265	0.331	0.362	0.348	0.293	0.217	0.139	0.080	0.055
C	70	51.83	6.53	TransMax	0.544	0.710	0.604	0.709	0.701	0.732	0.653	0.674	0.681	0.629	0.623	0.637
C	70	51.83	6.53	TransMin	0.041	0.073	0.071	0.056	0.135	0.108	0.157	0.068	0.147	0.077	0.063	0.049
C	70	51.83	6.53	TransT5	0.531	0.698	0.598	0.695	0.695	0.710	0.653	0.674	0.674	0.613	0.608	0.637
C	70	51.83	6.53	Transl0	******	0.643	0.604	******	******	0.674	******	******	******	******	0.586	0.637
C	70	51.83	6.53	Transl5	******	0.635	0.604	******	0.678	0.706	******	0.674	0.681	******	0.586	0.596
C	70	51.83	6.53	Transl10	******	0.590	0.560	******	0.683	0.693	0.653	0.674	0.680	0.629	0.547	0.596
C	162	51.83	20.80	SrfDwn	25	70	102	153	230	259	219	173	110	86	45	22
C	162	51.83	20.80	ToaDwn	94	158	254	359	441	479	460	390	293	191	112	77
C	162	51.83	20.80	CosZAvg	0.087	0.113	0.184	0.265	0.331	0.362	0.348	0.293	0.217	0.139	0.080	0.055
C	162	51.83	20.80	TransMax	0.576	0.669	0.709	0.698	0.757	0.724	0.714	0.689	0.760	0.724	0.625	0.620
C	162	51.83	20.80	TransMin	0.093	0.134	0.058	0.061	0.070	0.130	0.141	0.114	0.046	0.121	0.116	0.051
C	162	51.83	20.80	TransT5	0.576	0.652	0.695	0.688	0.740	0.708	0.697	0.671	0.760	0.706	0.612	0.613
C	162	51.83	20.80	Transl0	******	******	******	******	0.743	******	******	******	******	0.667	******	******
C	162	51.83	20.80	Transl5	0.576	0.644	0.630	******	0.742	0.716	0.667	0.638	******	0.680	******	******
C	162	51.83	20.80	Transl10	0.440	0.590	0.641	******	0.742	0.699	0.667	0.638	******	0.682	******	0.586
C	71	51.78	8.83	SrfDwn	21	78	80	120	202	234	185	162	109	67	35	20
C	71	51.78	8.83	ToaDwn	95	158	255	360	442	479	460	390	293	191	112	77
C	71	51.78	8.83	CosZAvg	0.087	0.113	0.185	0.265	0.331	0.362	0.348	0.293	0.217	0.139	0.080	0.055
C	71	51.78	8.83	TransMax	0.569	0.714	0.689	0.689	0.725	0.715	0.650	0.689	0.680	0.633	0.593	0.568
C	71	51.78	8.83	TransMin	0.041	0.127	0.090	0.069	0.089	0.061	0.126	0.101	0.084	0.064	0.074	0.041
C	71	51.78	8.83	TransT5	0.569	0.702	0.679	0.689	0.711	0.698	0.635	0.689	0.668	0.622	0.575	0.562
C	71	51.78	8.83	Transl0	******	0.686	0.689	******	******	0.681	******	0.626	******	******	******	0.552
C	71	51.78	8.83	Transl5	0.198	0.672	0.689	******	0.645	0.675	******	0.648	******	0.506	******	0.552
C	71	51.78	8.83	Transl10	0.198	0.595	0.689	******	0.645	0.684	0.620	0.648	******	0.536	******	0.514

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	72	51.73	10.60	SrfDwn	22	74	73	127	199	218	191	155	101	72	33	19
C	72	51.73	10.60	TotDwn	95	159	255	360	442	479	460	391	293	191	112	78
C	72	51.73	10.60	CosZAvg	0.067	0.114	0.185	0.266	0.331	0.362	0.348	0.294	0.217	0.139	0.081	0.055
C	72	51.73	10.60	TransMax	0.656	0.737	0.720	0.613	0.733	0.723	0.613	0.682	0.690	0.679	0.635	0.649
C	72	51.73	10.60	TransMin	0.056	0.069	0.072	0.102	0.088	0.088	0.178	0.079	0.055	0.034	0.038	0.048
C	72	51.73	10.60	TransT5	0.656	0.719	0.708	0.597	0.721	0.704	0.599	0.669	0.690	0.679	0.626	0.649
C	72	51.73	10.60	Transl0	******	0.710	0.717	******	******	0.682	******	0.656	******	******	******	0.600
C	72	51.73	10.60	Transl5	0.264	0.707	0.717	******	0.661	0.686	******	0.669	******	0.679	******	0.600
C	72	51.73	10.60	Transl10	0.264	0.565	0.717	******	0.661	0.686	0.508	0.669	******	0.645	******	0.383
C	102	51.52	-0.12	SrfDwn	******	74	35	104	184	192	187	153	121	71	37	22
C	102	51.52	-0.12	TotDwn	******	160	256	361	442	479	460	391	294	193	114	79
C	102	51.52	-0.12	CosZAvg	******	0.115	0.186	0.266	0.331	0.362	0.348	0.294	0.218	0.140	0.082	0.056
C	102	51.52	-0.12	TransMax	******	0.660	0.171	0.538	0.709	0.641	0.641	0.663	0.648	0.597	0.615	0.534
C	102	51.52	-0.12	TransMin	******	0.174	0.171	0.058	0.128	0.124	0.144	0.075	0.093	0.076	0.087	0.054
C	102	51.52	-0.12	TransT5	******	0.647	0.171	0.538	0.709	0.639	0.641	0.663	0.635	0.586	0.615	0.519
C	102	51.52	-0.12	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	102	51.52	-0.12	Transl5	******	0.634	******	******	******	******	******	******	******	******	******	******
C	102	51.52	-0.12	Transl10	******	0.647	******	******	******	******	******	******	******	******	******	******
C	73	51.50	7.08	SrfDwn	23	64	74	120	195	227	190	160	113	70	34	19
C	73	51.50	7.08	TotDwn	97	160	256	361	442	479	460	391	295	193	114	79
C	73	51.50	7.08	CosZAvg	0.069	0.115	0.186	0.266	0.331	0.362	0.348	0.294	0.218	0.141	0.082	0.056
C	73	51.50	7.08	TransMax	0.503	0.650	0.587	0.605	0.690	0.690	0.625	0.666	0.649	0.622	0.562	0.558
C	73	51.50	7.08	TransMin	0.040	0.092	0.070	0.052	0.110	0.074	0.173	0.082	0.074	0.061	0.064	0.030
C	73	51.50	7.08	TransT5	0.503	0.637	0.579	0.595	0.686	0.674	0.611	0.666	0.634	0.622	0.557	0.558
C	73	51.50	7.08	Transl0	******	0.596	0.587	******	******	0.649	******	******	******	******	0.553	0.558
C	73	51.50	7.08	Transl5	******	0.551	0.587	******	0.653	0.670	******	0.666	0.649	******	0.553	0.537
C	73	51.50	7.08	Transl10	******	0.532	0.533	******	0.661	0.659	0.596	0.666	0.639	0.622	0.456	0.537
C	158	51.45	3.60	SrfDwn	30	71	109	134	228	255	216	173	132	74	40	24
C	158	51.45	3.60	TotDwn	97	161	257	361	442	479	460	392	295	193	114	80
C	158	51.45	3.60	CosZAvg	0.069	0.115	0.186	0.267	0.332	0.362	0.348	0.294	0.218	0.141	0.082	0.056
C	158	51.45	3.60	TransMax	0.650	0.727	0.691	0.669	0.708	0.709	0.675	0.667	0.680	0.685	0.594	0.592
C	158	51.45	3.60	TransMin	0.041	0.040	0.125	0.081	0.171	0.131	0.150	0.193	0.092	0.087	0.091	0.044
C	158	51.45	3.60	TransT5	0.650	0.727	0.679	0.669	0.697	0.702	0.673	0.679	0.669	0.685	0.581	0.592
C	158	51.45	3.60	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	158	51.45	3.60	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	158	51.45	3.60	Transl10	******	0.684	******	******	******	******	******	******	******	******	******	******
C	103	51.38	-0.78	SrfDwn	29	54	94	134	172	188	165	161	131	72	39	22
C	103	51.38	-0.78	TotDwn	97	161	257	361	442	479	460	392	295	194	115	80
C	103	51.38	-0.78	CosZAvg	0.069	0.115	0.187	0.267	0.332	0.363	0.348	0.294	0.219	0.141	0.082	0.057
C	103	51.38	-0.78	TransMax	0.645	0.671	0.670	0.593	0.711	0.655	0.679	0.666	0.669	0.618	0.762	0.574
C	103	51.38	-0.78	TransMin	0.043	0.039	0.105	0.057	0.137	0.120	0.183	0.094	0.103	0.104	0.072	0.074
C	103	51.38	-0.78	TransT5	0.640	0.667	0.670	0.583	0.711	0.642	0.679	0.656	0.657	0.605	0.762	0.559
C	103	51.38	-0.78	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	103	51.38	-0.78	Transl5	******	0.670	******	******	******	******	******	******	******	******	******	******
C	103	51.38	-0.78	Transl10	******	0.565	0.527	******	******	******	******	******	******	******	******	******
C	74	51.30	9.45	SrfDwn	26	72	76	123	196	237	203	162	120	76	35	20
C	74	51.30	9.45	TotDwn	98	162	258	362	443	479	460	392	296	194	115	81
C	74	51.30	9.45	CosZAvg	0.069	0.116	0.187	0.267	0.332	0.363	0.349	0.295	0.219	0.142	0.083	0.057
C	74	51.30	9.45	TransMax	0.497	0.719	0.697	0.644	0.740	0.706	0.665	0.680	0.642	0.665	0.579	0.603
C	74	51.30	9.45	TransMin	0.104	0.073	0.059	0.051	0.128	0.120	0.214	0.096	0.053	0.064	0.042	0.047
C	74	51.30	9.45	TransT5	0.497	0.703	0.697	0.644	0.740	0.690	0.653	0.660	0.636	0.661	0.574	0.603
C	74	51.30	9.45	Transl0	******	0.664	0.697	******	******	0.695	******	0.627	******	******	******	0.517
C	74	51.30	9.45	Transl5	0.199	0.638	0.697	******	0.624	0.690	******	0.653	******	0.657	******	0.517
C	74	51.30	9.45	Transl10	0.199	0.524	0.697	******	0.624	0.690	0.650	0.653	******	0.613	******	0.405
C	75	51.12	13.68	SrfDwn	33	75	95	130	205	233	211	165	115	83	44	24
C	75	51.12	13.68	TotDwn	99	163	259	362	443	479	461	393	297	196	117	82
C	75	51.12	13.68	CosZAvg	0.070	0.117	0.188	0.268	0.332	0.363	0.349	0.295	0.220	0.142	0.084	0.058
C	75	51.12	13.68	TransMax	0.686	0.735	0.715	0.619	0.721	0.739	0.642	0.684	0.684	0.685	0.625	0.615
C	75	51.12	13.68	TransMin	0.096	0.090	0.060	0.065	0.058	0.068	0.176	0.117	0.073	0.118	0.052	0.059
C	75	51.12	13.68	TransT5	0.686	0.723	0.694	0.619	0.706	0.731	0.634	0.666	0.684	0.682	0.619	0.615
C	75	51.12	13.68	Transl0	******	******	0.690	******	******	******	******	0.684	******	0.615	******	0.569
C	75	51.12	13.68	Transl5	0.686	0.628	0.690	******	0.715	0.696	******	0.684	******	0.631	******	0.569
C	75	51.12	13.68	Transl10	0.686	0.523	0.689	******	0.715	0.678	******	0.666	0.684	0.631	******	0.567
C	104	51.08	-0.22	SrfDwn	28	59	97	136	173	226	202	160	128	75	37	24
C	104	51.08	-0.22	TotDwn	100	163	259	363	443	479	461	393	297	196	117	82
C	104	51.08	-0.22	CosZAvg	0.071	0.117	0.188	0.268	0.332	0.363	0.349	0.295	0.220	0.142	0.084	0.058
C	104	51.08	-0.22	TransMax	0.618	0.692	0.689	0.639	0.694	0.722	0.704	0.643	0.669	0.616	0.590	0.573
C	104	51.08	-0.22	TransMin	0.053	0.040	0.067	0.041	0.127	0.121	0.119	0.065	0.083	0.083	0.054	0.040
C	104	51.08	-0.22	TransT5	0.614	0.674	0.689	0.639	0.678	0.722	0.704	0.625	0.649	0.606	0.581	0.559
C	104	51.08	-0.22	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	104	51.08	-0.22	Transl5	******	0.670	******	******	******	******	******	******	******	******	******	******
C	104	51.08	-0.22	Transl10	******	0.629	0.689	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	159	50.92	5.78	SrfDwn	29	84	100	128	225	234	202	177	131	84	41	24
C	159	50.92	5.78	ToaDwn	101	165	260	363	443	479	461	393	298	197	118	83
C	159	50.92	5.78	CosZAvg	0.071	0.118	0.189	0.268	0.332	0.363	0.349	0.295	0.220	0.143	0.085	0.059
C	159	50.92	5.78	TransMax	0.726	0.808	0.655	0.732	0.763	0.735	0.631	0.689	0.739	0.701	0.659	0.664
C	159	50.92	5.78	TransMin	0.046	0.095	0.110	0.049	0.183	0.086	0.152	0.070	0.042	0.051	0.079	0.061
C	159	50.92	5.78	TransT5	0.726	0.808	0.655	0.719	0.739	0.732	0.617	0.689	0.734	0.700	0.655	0.664
C	159	50.92	5.78	Trans10	******	0.808	0.655	******	******	0.686	******	******	******	******	0.618	0.664
C	159	50.92	5.78	Trans15	******	0.648	0.655	******	0.680	0.685	******	0.689	0.687	******	0.618	0.624
C	159	50.92	5.78	Trans110	******	0.634	0.588	******	0.692	0.670	0.628	0.689	0.713	0.701	0.513	0.624
C	12	50.80	4.35	SrfDwn	25	71	95	121	218	227	190	166	127	76	38	21
C	12	50.80	4.35	ToaDwn	101	165	261	364	444	480	461	394	298	198	119	84
C	12	50.80	4.35	CosZAvg	0.072	0.118	0.189	0.269	0.332	0.363	0.349	0.296	0.221	0.144	0.085	0.060
C	12	50.80	4.35	TransMax	0.534	0.671	0.655	0.680	0.713	0.702	0.679	0.702	0.679	0.631	0.566	0.603
C	12	50.80	4.35	TransMin	0.034	0.043	0.057	0.047	0.176	0.134	0.128	0.168	0.051	0.086	0.080	0.050
C	12	50.80	4.35	TransT5	0.526	0.680	0.655	0.680	0.709	0.695	0.657	0.702	0.669	0.617	0.555	0.603
C	12	50.80	4.35	Trans10	******	0.604	0.655	******	******	0.656	******	******	******	******	0.564	0.603
C	12	50.80	4.35	Trans15	******	0.563	0.655	******	0.676	0.686	******	0.702	0.668	******	0.564	0.564
C	12	50.80	4.35	Trans110	******	0.543	0.588	******	0.685	0.673	0.582	0.702	0.682	0.631	0.548	0.564
C	76	50.70	7.15	SrfDwn	30	71	87	119	184	224	190	157	125	74	38	26
C	76	50.70	7.15	ToaDwn	102	166	261	364	444	480	461	394	299	198	120	85
C	76	50.70	7.15	CosZAvg	0.072	0.119	0.190	0.269	0.333	0.363	0.349	0.296	0.221	0.144	0.086	0.060
C	76	50.70	7.15	TransMax	0.637	0.673	0.596	0.673	0.687	0.678	0.627	0.643	0.677	0.631	0.583	0.564
C	76	50.70	7.15	TransMin	0.051	0.064	0.092	0.061	0.166	0.105	0.140	0.044	0.045	0.043	0.115	0.089
C	76	50.70	7.15	TransT5	0.637	0.672	0.594	0.673	0.687	0.663	0.620	0.631	0.670	0.617	0.576	0.556
C	76	50.70	7.15	Trans10	******	0.622	0.596	******	******	0.626	******	******	******	******	0.551	0.560
C	76	50.70	7.15	Trans15	******	0.556	0.596	******	0.612	0.653	******	0.643	0.663	******	0.551	0.552
C	76	50.70	7.15	Trans110	******	0.533	0.497	******	0.631	0.647	0.613	0.643	0.670	0.620	0.502	0.552
C	77	50.58	8.70	SrfDwn	30	77	79	133	206	246	217	172	134	79	34	21
C	77	50.58	8.70	ToaDwn	103	167	262	365	444	480	461	394	299	199	120	85
C	77	50.58	8.70	CosZAvg	0.073	0.119	0.190	0.269	0.333	0.363	0.349	0.296	0.222	0.145	0.086	0.061
C	77	50.58	8.70	TransMax	0.632	0.700	0.678	0.614	0.715	0.720	0.651	0.698	0.712	0.688	0.592	0.532
C	77	50.58	8.70	TransMin	0.074	0.090	0.041	0.110	0.113	0.091	0.176	0.091	0.069	0.076	0.088	0.070
C	77	50.58	8.70	TransT5	0.632	0.698	0.678	0.614	0.709	0.711	0.645	0.681	0.696	0.688	0.592	0.525
C	77	50.58	8.70	Trans10	******	0.682	0.678	******	******	0.688	******	0.652	******	******	******	0.519
C	77	50.58	8.70	Trans15	0.324	0.627	0.678	******	0.679	0.683	******	0.675	******	0.688	******	0.519
C	77	50.58	8.70	Trans110	0.324	0.569	0.678	******	0.679	0.686	0.637	0.675	******	0.625	******	0.479
C	78	50.43	12.95	SrfDwn	22	73	92	153	205	224	195	154	116	92	57	24
C	78	50.43	12.95	ToaDwn	104	168	263	365	444	480	461	395	300	200	122	86
C	78	50.43	12.95	CosZAvg	0.074	0.120	0.191	0.270	0.333	0.363	0.349	0.297	0.222	0.146	0.087	0.061
C	78	50.43	12.95	TransMax	0.817	0.876	0.822	0.740	0.792	0.790	0.708	0.787	0.769	0.797	0.835	0.836
C	78	50.43	12.95	TransMin	0.053	0.039	0.105	0.107	0.078	0.106	0.128	0.086	0.080	0.051	0.073	0.029
C	78	50.43	12.95	TransT5	0.817	0.861	0.812	0.731	0.777	0.765	0.708	0.787	0.769	0.778	0.817	0.818
C	78	50.43	12.95	Trans10	******	******	0.812	******	******	******	******	0.787	******	0.765	******	0.281
C	78	50.43	12.95	Trans15	0.817	0.449	0.812	******	0.771	0.766	******	0.787	******	0.767	******	0.281
C	78	50.43	12.95	Trans110	0.817	0.605	0.788	******	0.771	0.737	******	0.725	0.730	0.767	******	0.510
C	79	50.27	10.95	SrfDwn	28	76	76	140	197	224	212	172	130	80	32	19
C	79	50.27	10.95	ToaDwn	105	169	264	366	444	480	462	395	301	201	123	88
C	79	50.27	10.95	CosZAvg	0.075	0.121	0.192	0.270	0.333	0.363	0.350	0.297	0.223	0.147	0.088	0.062
C	79	50.27	10.95	TransMax	0.483	0.739	0.695	0.629	0.667	0.698	0.656	0.694	0.699	0.678	0.565	0.549
C	79	50.27	10.95	TransMin	0.056	0.122	0.063	0.074	0.138	0.073	0.179	0.077	0.066	0.056	0.084	0.057
C	79	50.27	10.95	TransT5	0.474	0.739	0.682	0.624	0.652	0.683	0.644	0.687	0.692	0.678	0.580	0.535
C	79	50.27	10.95	Trans10	******	0.693	0.695	******	******	0.678	******	0.680	******	******	******	0.549
C	79	50.27	10.95	Trans15	0.268	0.599	0.695	******	0.667	0.666	******	0.687	******	0.678	******	0.549
C	79	50.27	10.95	Trans110	0.268	0.578	0.695	******	0.667	0.644	0.624	0.687	******	0.624	******	0.538
C	21	50.25	15.85	SrfDwn	31	74	103	166	212	233	217	168	129	94	43	21
C	21	50.25	15.85	ToaDwn	105	169	264	366	444	480	462	396	301	201	123	88
C	21	50.25	15.85	CosZAvg	0.075	0.121	0.192	0.270	0.333	0.363	0.350	0.297	0.223	0.147	0.088	0.062
C	21	50.25	15.85	TransMax	0.609	0.665	0.678	0.682	0.690	0.699	0.672	0.665	0.693	0.658	0.617	0.601
C	21	50.25	15.85	TransMin	0.090	0.057	0.080	0.040	0.093	0.056	0.088	0.092	0.149	0.109	0.059	0.043
C	21	50.25	15.85	TransT5	0.605	0.647	0.661	0.673	0.676	0.697	0.656	0.647	0.685	0.643	0.615	0.601
C	21	50.25	15.85	Trans10	******	******	0.654	******	******	******	******	0.645	******	0.619	******	0.556
C	21	50.25	15.85	Trans15	0.455	0.635	0.654	******	0.671	0.633	******	0.645	******	0.633	******	0.556
C	21	50.25	15.85	Trans110	0.455	0.547	0.657	******	0.671	0.613	******	0.655	0.693	0.633	******	0.370
C	105	50.22	-5.32	SrfDwn	32	59	107	173	210	227	189	155	141	72	41	26
C	105	50.22	-5.32	ToaDwn	106	170	264	366	445	480	462	395	301	201	123	88
C	105	50.22	-5.32	CosZAvg	0.075	0.121	0.192	0.270	0.333	0.363	0.350	0.297	0.223	0.147	0.088	0.062
C	105	50.22	-5.32	TransMax	0.563	0.608	0.664	0.704	0.709	0.676	0.682	0.671	0.679	0.667	0.587	0.579
C	105	50.22	-5.32	TransMin	0.049	0.032	0.085	0.042	0.140	0.172	0.110	0.107	0.139	0.067	0.073	0.059
C	105	50.22	-5.32	TransT5	0.554	0.605	0.658	0.691	0.703	0.676	0.675	0.671	0.682	0.667	0.578	0.567
C	105	50.22	-5.32	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	105	50.22	-5.32	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
C	105	50.22	-5.32	Trans110	******	******	******	******	******	******	******	******	******	0.667	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	22	50.07	14.43	SrfDwn	30	61	86	152	187	225	203	168	128	86	37	25
C	22	50.07	14.43	ToaDwn	107	170	265	367	445	480	462	398	302	203	124	89
C	22	50.07	14.43	CosZAvg	0.076	0.122	0.192	0.271	0.333	0.363	0.350	0.298	0.224	0.148	0.089	0.063
C	22	50.07	14.43	TransMax	0.530	0.596	0.625	0.661	0.682	0.682	0.639	0.648	0.677	0.639	0.618	0.654
C	22	50.07	14.43	TransMin	0.103	0.051	0.034	0.104	0.053	0.056	0.132	0.095	0.086	0.139	0.062	0.042
C	22	50.07	14.43	TransT5	0.519	0.596	0.618	0.661	0.661	0.686	0.625	0.644	0.669	0.625	0.617	0.654
C	22	50.07	14.43	TransI0	******	******	0.620	******	******	******	******	0.648	******	0.547	******	0.614
C	22	50.07	14.43	TransI5	0.511	0.523	0.620	******	0.685	0.658	******	0.648	******	0.579	******	0.614
C	22	50.07	14.43	TransI10	0.511	0.468	0.618	******	0.685	0.642	******	0.647	0.682	0.579	******	0.531
C	80	49.98	7.95	SrfDwn	31	76	79	132	192	233	212	166	140	73	36	26
C	80	49.98	7.95	ToaDwn	107	171	266	367	445	480	462	398	303	203	125	89
C	80	49.98	7.95	CosZAvg	0.076	0.122	0.193	0.271	0.334	0.363	0.350	0.298	0.224	0.148	0.089	0.063
C	80	49.98	7.95	TransMax	0.553	0.669	0.577	0.547	0.712	0.678	0.663	0.669	0.731	0.626	0.626	0.591
C	80	49.98	7.95	TransMin	0.051	0.080	0.089	0.121	0.148	0.153	0.165	0.084	0.082	0.089	0.089	0.073
C	80	49.98	7.95	TransT5	0.539	0.680	0.568	0.535	0.712	0.667	0.657	0.661	0.713	0.617	0.626	0.578
C	80	49.98	7.95	TransI0	******	0.689	******	******	******	0.644	******	0.615	******	******	******	0.415
C	80	49.98	7.95	TransI5	******	0.614	0.314	******	0.712	0.653	0.589	0.644	0.637	******	******	-0.345
C	80	49.98	7.95	TransI10	0.376	0.556	0.332	******	0.644	0.636	0.604	0.644	0.637	0.606	0.467	0.374
C	27	49.82	3.20	SrfDwn	30	81	102	134	207	238	212	184	134	80	45	27
C	27	49.82	3.20	ToaDwn	108	172	267	368	445	480	462	397	303	204	126	91
C	27	49.82	3.20	CosZAvg	0.077	0.123	0.194	0.272	0.334	0.363	0.350	0.298	0.225	0.149	0.090	0.064
C	27	49.82	3.20	TransMax	0.679	0.682	0.657	0.702	0.709	0.706	0.693	0.704	0.695	0.624	0.619	0.603
C	27	49.82	3.20	TransMin	0.061	0.047	0.090	0.043	0.200	0.135	0.213	0.126	0.082	0.093	0.081	0.053
C	27	49.82	3.20	TransT5	0.675	0.682	0.647	0.702	0.705	0.691	0.691	0.704	0.683	0.611	0.619	0.603
C	27	49.82	3.20	TransI0	******	******	******	******	******	******	******	******	0.693	0.573	0.569	0.603
C	27	49.82	3.20	TransI5	0.421	0.632	0.636	******	0.642	0.698	0.693	******	0.669	0.598	0.556	0.603
C	27	49.82	3.20	TransI10	0.416	0.610	0.615	******	0.650	0.684	0.693	0.704	0.638	0.598	0.556	0.603
C	23	49.82	18.15	SrfDwn	33	52	88	146	204	220	197	148	114	88	44	23
C	23	49.82	18.15	ToaDwn	108	172	267	368	445	480	462	397	304	204	126	91
C	23	49.82	18.15	CosZAvg	0.077	0.123	0.193	0.271	0.334	0.363	0.350	0.298	0.225	0.149	0.090	0.064
C	23	49.82	18.15	TransMax	0.589	0.601	0.630	0.662	0.665	0.657	0.634	0.613	0.676	0.649	0.604	0.509
C	23	49.82	18.15	TransMin	0.074	0.045	0.051	0.040	0.081	0.048	0.057	0.082	0.055	0.086	0.080	0.038
C	23	49.82	18.15	TransT5	0.579	0.601	0.630	0.652	0.654	0.644	0.634	0.600	0.676	0.646	0.591	0.509
C	23	49.82	18.15	TransI0	******	******	******	******	******	******	******	******	0.676	0.646	******	******
C	23	49.82	18.15	TransI5	0.444	0.486	0.576	******	0.609	******	0.603	0.569	0.676	0.608	******	******
C	23	49.82	18.15	TransI10	0.471	0.434	0.576	******	0.627	0.641	0.603	0.561	0.622	0.607	******	******
C	81	49.77	9.97	SrfDwn	35	81	88	146	200	235	218	178	142	85	41	26
C	81	49.77	9.97	ToaDwn	109	173	267	368	445	480	462	397	304	205	126	91
C	81	49.77	9.97	CosZAvg	0.077	0.123	0.194	0.272	0.334	0.363	0.350	0.298	0.225	0.149	0.090	0.064
C	81	49.77	9.97	TransMax	0.645	0.729	0.706	0.649	0.734	0.716	0.665	0.711	0.702	0.684	0.600	0.613
C	81	49.77	9.97	TransMin	0.114	0.150	0.083	0.104	0.158	0.155	0.170	0.138	0.099	0.057	0.079	0.054
C	81	49.77	9.97	TransT5	0.645	0.720	0.706	0.632	0.734	0.708	0.647	0.698	0.686	0.684	0.590	0.608
C	81	49.77	9.97	TransI0	******	0.729	******	******	******	0.698	******	0.685	******	******	******	0.540
C	81	49.77	9.97	TransI5	******	0.652	0.246	******	0.734	0.679	0.627	0.685	0.650	******	******	0.451
C	81	49.77	9.97	TransI10	0.404	0.580	0.310	******	0.669	0.670	0.630	0.685	0.650	0.684	0.416	0.442
C	82	49.75	6.67	SrfDwn	27	85	90	123	202	236	221	177	143	78	37	23
C	82	49.75	6.67	ToaDwn	109	173	267	368	445	480	462	397	304	205	126	91
C	82	49.75	6.67	CosZAvg	0.077	0.124	0.194	0.272	0.334	0.363	0.350	0.298	0.225	0.149	0.090	0.065
C	82	49.75	6.67	TransMax	0.556	0.737	0.686	0.673	0.738	0.725	0.706	0.720	0.732	0.649	0.641	0.576
C	82	49.75	6.67	TransMin	0.046	0.092	0.052	0.093	0.143	0.085	0.179	0.102	0.074	0.085	0.062	0.041
C	82	49.75	6.67	TransT5	0.556	0.731	0.686	0.673	0.738	0.709	0.687	0.709	0.730	0.635	0.641	0.576
C	82	49.75	6.67	TransI0	0.382	0.669	******	******	******	0.692	******	0.720	0.684	******	******	0.514
C	82	49.75	6.67	TransI5	0.379	0.626	0.547	******	0.619	0.706	0.669	0.720	0.679	0.613	0.499	0.514
C	82	49.75	6.67	TransI10	0.379	0.563	0.547	******	0.619	0.696	0.657	0.681	0.668	0.613	0.420	0.545
C	83	49.52	8.55	SrfDwn	28	75	76	135	197	227	212	173	142	74	42	25
C	83	49.52	8.55	ToaDwn	110	174	268	369	446	480	463	398	305	206	128	93
C	83	49.52	8.55	CosZAvg	0.078	0.125	0.195	0.272	0.334	0.363	0.350	0.299	0.226	0.150	0.092	0.066
C	83	49.52	8.55	TransMax	0.524	0.676	0.583	0.625	0.725	0.708	0.676	0.677	0.712	0.629	0.592	0.561
C	83	49.52	8.55	TransMin	0.058	0.074	0.079	0.121	0.113	0.065	0.143	0.097	0.083	0.071	0.101	0.030
C	83	49.52	8.55	TransT5	0.524	0.667	0.569	0.625	0.725	0.695	0.661	0.664	0.693	0.623	0.589	0.561
C	83	49.52	8.55	TransI0	******	0.657	******	******	******	0.654	******	0.648	******	******	******	0.484
C	83	49.52	8.55	TransI5	******	0.590	0.175	******	0.725	0.679	0.610	0.654	0.645	******	******	0.410
C	83	49.52	8.55	TransI10	0.287	0.558	0.294	******	0.655	0.660	0.639	0.654	0.645	0.604	0.547	0.426
C	84	49.50	11.08	SrfDwn	29	68	80	140	188	191	215	184	140	69	48	27
C	84	49.50	11.08	ToaDwn	110	174	269	369	446	480	463	398	305	206	128	93
C	84	49.50	11.08	CosZAvg	0.078	0.125	0.195	0.272	0.334	0.363	0.350	0.299	0.226	0.150	0.092	0.066
C	84	49.50	11.08	TransMax	0.558	0.783	0.721	0.630	0.708	0.702	0.686	0.699	0.719	0.633	0.602	0.640
C	84	49.50	11.08	TransMin	0.040	0.133	0.075	0.067	0.102	0.119	0.095	0.162	0.093	0.084	0.089	0.088
C	84	49.50	11.08	TransT5	0.558	0.776	0.713	0.621	0.708	0.702	0.686	0.691	0.700	0.619	0.595	0.627
C	84	49.50	11.08	TransI0	******	0.769	******	******	******	******	******	0.683	******	******	******	0.569
C	84	49.50	11.08	TransI5	******	0.502	0.221	******	0.708	0.641	0.649	0.688	0.633	******	******	0.557
C	84	49.50	11.08	TransI10	0.286	0.571	0.327	******	0.641	0.641	0.646	0.688	0.633	******	0.506	0.508

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	28	49.30	4.03	SrfDwn	38	90	120	154	232	248	245	201	159	99	57	37
C	28	49.30	4.03	TocDwn	112	176	270	370	446	480	463	398	306	208	129	94
C	28	49.30	4.03	CosZAvg	0.079	0.126	0.196	0.273	0.335	0.363	0.350	0.299	0.227	0.151	0.093	0.067
C	28	49.30	4.03	TransMax	0.685	0.734	0.743	0.806	0.780	0.751	0.762	0.752	0.783	0.709	0.787	0.813
C	28	49.30	4.03	TransMin	0.106	0.086	0.151	0.117	0.299	0.196	0.261	0.148	0.101	0.104	0.138	0.082
C	28	49.30	4.03	TransT5	0.689	0.722	0.731	0.806	0.747	0.738	0.761	0.747	0.774	0.692	0.786	0.806
C	28	49.30	4.03	Transl0	0.645	0.599	******	******	******	0.691	******	0.752	0.782	******	******	0.813
C	28	49.30	4.03	Transl5	0.596	0.631	0.686	******	0.655	0.713	0.723	0.752	0.714	0.650	0.686	0.813
C	28	49.30	4.03	Transl10	0.596	0.622	0.686	******	0.655	0.716	0.719	0.693	0.724	0.650	0.674	0.745
C	163	49.30	19.95	SrfDwn	44	71	130	171	187	176	174	144	124	90	50	28
C	163	49.30	19.95	TocDwn	112	176	270	370	446	480	463	399	306	208	129	94
C	163	49.30	19.95	CosZAvg	0.079	0.126	0.196	0.273	0.334	0.363	0.350	0.299	0.227	0.151	0.093	0.067
C	163	49.30	19.95	TransMax	0.648	0.656	0.743	0.708	0.701	0.674	0.688	0.630	0.688	0.614	0.596	0.563
C	163	49.30	19.95	TransMin	0.127	0.055	0.162	0.081	0.055	0.045	0.067	0.070	0.098	0.049	0.024	0.011
C	163	49.30	19.95	TransT5	0.643	0.647	0.743	0.699	0.692	0.674	0.671	0.627	0.653	0.602	0.586	0.554
C	163	49.30	19.95	Transl0	******	0.594	******	******	******	******	******	******	******	0.599	******	******
C	163	49.30	19.95	Transl5	0.574	0.593	0.698	******	******	******	******	******	******	0.593	******	******
C	163	49.30	19.95	Transl10	0.584	0.564	0.698	******	0.646	******	0.647	******	0.615	0.595	0.586	0.347
C	106	49.22	-2.20	SrfDwn	33	67	117	173	229	236	226	178	127	79	44	31
C	106	49.22	-2.20	TocDwn	113	177	270	370	446	480	463	399	307	208	130	95
C	106	49.22	-2.20	CosZAvg	0.080	0.126	0.196	0.273	0.335	0.363	0.350	0.299	0.227	0.152	0.093	0.067
C	106	49.22	-2.20	TransMax	0.599	0.694	0.702	0.707	0.753	0.729	0.751	0.707	0.699	0.631	0.640	0.652
C	106	49.22	-2.20	TransMin	0.025	0.016	0.122	0.075	0.125	0.083	0.106	0.133	0.104	0.054	0.089	0.039
C	106	49.22	-2.20	TransT5	0.595	0.694	0.700	0.690	0.739	0.719	0.731	0.707	0.677	0.615	0.640	0.652
C	106	49.22	-2.20	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	106	49.22	-2.20	Transl5	******	0.496	******	******	******	******	******	******	******	******	******	******
C	106	49.22	-2.20	Transl10	******	0.496	******	******	******	******	******	******	******	******	0.604	******
C	85	49.22	7.12	SrfDwn	26	78	87	121	190	229	224	168	144	78	41	26
C	85	49.22	7.12	TocDwn	112	176	270	370	446	480	463	399	307	208	130	95
C	85	49.22	7.12	CosZAvg	0.080	0.126	0.196	0.273	0.335	0.363	0.350	0.300	0.227	0.152	0.093	0.067
C	85	49.22	7.12	TransMax	0.475	0.695	0.640	0.555	0.717	0.696	0.671	0.700	0.705	0.627	0.624	0.592
C	85	49.22	7.12	TransMin	0.042	0.153	0.089	0.107	0.143	0.087	0.154	0.095	0.088	0.055	0.056	0.053
C	85	49.22	7.12	TransT5	0.464	0.682	0.628	0.555	0.717	0.686	0.658	0.684	0.694	0.621	0.614	0.588
C	85	49.22	7.12	Transl0	0.317	0.559	******	******	******	0.681	******	0.700	0.692	******	******	0.493
C	85	49.22	7.12	Transl5	0.330	0.586	0.574	******	0.599	0.687	0.686	0.700	0.680	0.623	0.605	0.493
C	85	49.22	7.12	Transl10	0.330	0.536	0.574	******	0.599	0.681	0.647	0.648	0.656	0.623	0.461	0.499
C	29	49.18	-0.45	SrfDwn	35	79	115	149	212	235	214	171	136	82	50	33
C	29	49.18	-0.45	TocDwn	113	177	271	370	446	480	463	399	307	208	130	95
C	29	49.18	-0.45	CosZAvg	0.080	0.126	0.196	0.273	0.335	0.363	0.350	0.300	0.227	0.152	0.093	0.067
C	29	49.18	-0.45	TransMax	0.711	0.688	0.676	0.667	0.717	0.706	0.696	0.654	0.707	0.604	0.674	0.611
C	29	49.18	-0.45	TransMin	0.071	0.022	0.176	0.041	0.153	0.152	0.215	0.158	0.089	0.095	0.146	0.093
C	29	49.18	-0.45	TransT5	0.711	0.673	0.676	0.667	0.700	0.691	0.681	0.645	0.693	0.601	0.674	0.611
C	29	49.18	-0.45	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	29	49.18	-0.45	Transl5	******	0.626	******	******	******	******	******	******	******	******	******	******
C	29	49.18	-0.45	Transl10	******	0.626	******	******	******	******	******	******	******	******	0.627	******
C	178	49.12	20.08	SrfDwn	36	70	111	155	235	211	198	147	159	111	64	42
C	178	49.12	20.08	TocDwn	113	177	271	370	446	480	463	399	307	209	131	95
C	178	49.12	20.08	CosZAvg	0.080	0.127	0.196	0.273	0.335	0.363	0.351	0.300	0.228	0.152	0.094	0.068
C	178	49.12	20.08	TransMax	0.648	0.671	0.593	0.755	0.794	0.723	0.758	0.603	0.766	0.803	0.746	0.711
C	178	49.12	20.08	TransMin	0.102	0.159	0.140	0.125	0.102	0.049	0.095	0.084	0.147	0.062	0.066	0.128
C	178	49.12	20.08	TransT5	0.648	0.671	0.584	0.755	0.774	0.704	0.754	0.600	0.745	0.803	0.736	0.711
C	178	49.12	20.08	Transl0	******	0.539	******	******	******	******	******	******	******	******	******	******
C	178	49.12	20.08	Transl5	0.395	0.561	0.593	******	******	******	******	******	******	0.709	******	******
C	178	49.12	20.08	Transl10	0.431	0.548	0.593	******	0.718	******	0.751	******	******	0.717	******	0.675
C	24	49.07	13.62	SrfDwn	34	71	109	170	184	189	203	179	144	100	60	35
C	24	49.07	13.62	TocDwn	114	177	271	371	447	481	463	399	308	209	131	96
C	24	49.07	13.62	CosZAvg	0.080	0.127	0.197	0.274	0.335	0.364	0.351	0.300	0.228	0.152	0.094	0.068
C	24	49.07	13.62	TransMax	0.721	0.775	0.735	0.694	0.733	0.729	0.684	0.703	0.728	0.698	0.732	0.929
C	24	49.07	13.62	TransMin	0.073	0.111	0.112	0.133	0.056	0.040	0.041	0.081	0.129	0.095	0.106	0.088
C	24	49.07	13.62	TransT5	0.710	0.766	0.720	0.673	0.733	0.710	0.672	0.690	0.710	0.684	0.732	0.929
C	24	49.07	13.62	Transl0	******	0.733	0.720	******	******	0.729	0.683	0.675	******	0.687	******	******
C	24	49.07	13.62	Transl5	0.698	0.649	0.728	******	0.676	0.675	0.683	0.683	0.637	0.673	0.599	0.618
C	24	49.07	13.62	Transl10	0.710	0.642	0.707	******	0.665	0.631	0.669	0.656	0.675	0.664	0.637	0.614
C	86	49.02	10.97	SrfDwn	33	88	93	147	194	226	214	187	147	86	54	31
C	86	49.02	10.97	TocDwn	114	178	271	371	447	481	463	399	308	210	131	96
C	86	49.02	10.97	CosZAvg	0.081	0.127	0.197	0.274	0.335	0.364	0.351	0.300	0.228	0.153	0.094	0.068
C	86	49.02	10.97	TransMax	0.542	0.774	0.722	0.838	0.720	0.734	0.680	0.683	0.727	0.706	0.629	0.633
C	86	49.02	10.97	TransMin	0.052	0.167	0.071	0.070	0.124	0.102	0.072	0.128	0.106	0.094	0.078	0.073
C	86	49.02	10.97	TransT5	0.530	0.755	0.721	0.828	0.720	0.715	0.674	0.670	0.710	0.706	0.617	0.616
C	86	49.02	10.97	Transl0	******	0.737	******	******	******	0.706	******	0.564	******	******	******	0.586
C	86	49.02	10.97	Transl5	******	0.679	0.226	******	0.720	0.694	0.642	0.623	0.642	******	******	0.607
C	86	49.02	10.97	Transl10	0.344	0.628	0.276	******	0.607	0.675	0.597	0.623	0.642	0.686	0.526	0.565

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	25	46.86	16.08	SrfDwn	38	70	88	172	208	246	220	197	155	97	40	25
C	25	46.86	16.08	ToaDwn	115	179	272	371	447	461	463	400	308	211	132	97
C	25	46.86	16.08	CosZAvg	0.081	0.128	0.198	0.274	0.335	0.364	0.351	0.300	0.228	0.153	0.095	0.089
C	25	46.86	16.08	TransMax	0.675	0.661	0.680	0.655	0.696	0.679	0.681	0.688	0.669	0.647	0.640	0.569
C	25	46.86	16.08	TransMin	0.050	0.053	0.060	0.076	0.094	0.048	0.070	0.082	0.094	0.063	0.041	0.041
C	25	46.86	16.08	TransT5	0.675	0.656	0.680	0.648	0.682	0.657	0.661	0.679	0.680	0.631	0.640	0.569
C	25	46.86	16.08	Transl0	******	******	******	******	******	******	******	******	0.657	0.632	******	******
C	25	46.86	16.08	Transl5	0.635	0.614	0.630	******	0.645	******	0.648	0.670	0.657	0.602	******	******
C	25	46.86	16.08	Transl10	0.596	0.586	0.630	******	0.670	0.673	0.648	0.668	0.631	0.603	******	******
C	87	46.83	9.20	SrfDwn	37	70	90	125	186	225	225	187	151	85	49	33
C	87	46.83	9.20	ToaDwn	115	179	273	372	447	461	463	400	309	211	133	97
C	87	46.83	9.20	CosZAvg	0.082	0.128	0.198	0.274	0.335	0.364	0.351	0.300	0.229	0.153	0.095	0.089
C	87	46.83	9.20	TransMax	0.582	0.690	0.652	0.603	0.729	0.717	0.694	0.698	0.778	0.626	0.608	0.627
C	87	46.83	9.20	TransMin	0.074	0.074	0.078	0.101	0.131	0.112	0.075	0.112	0.087	0.074	0.075	0.105
C	87	46.83	9.20	TransT5	0.582	0.681	0.652	0.603	0.729	0.704	0.675	0.681	0.778	0.616	0.598	0.615
C	87	46.83	9.20	Transl0	******	0.672	******	******	******	0.658	******	0.676	******	******	******	0.541
C	87	46.83	9.20	Transl5	******	0.547	0.245	******	0.729	0.691	0.688	0.676	0.684	******	******	0.591
C	87	46.83	9.20	Transl10	0.441	0.514	0.330	******	0.638	0.681	0.670	0.676	0.684	0.621	0.527	0.581
C	30	46.82	2.33	SrfDwn	31	69	104	132	197	224	210	174	140	81	47	30
C	30	46.82	2.33	ToaDwn	115	179	273	372	447	461	463	400	309	211	133	97
C	30	46.82	2.33	CosZAvg	0.082	0.128	0.198	0.274	0.335	0.364	0.351	0.300	0.229	0.154	0.095	0.089
C	30	46.82	2.33	TransMax	0.591	0.689	0.609	0.689	0.703	0.698	0.682	0.678	0.686	0.604	0.591	0.597
C	30	46.82	2.33	TransMin	0.049	0.032	0.110	0.043	0.203	0.185	0.195	0.180	0.086	0.075	0.087	0.042
C	30	46.82	2.33	TransT5	0.577	0.674	0.598	0.689	0.695	0.683	0.676	0.689	0.652	0.598	0.577	0.583
C	30	46.82	2.33	Transl0	******	******	******	******	******	******	******	******	0.659	0.557	0.467	0.597
C	30	46.82	2.33	Transl5	0.469	0.571	0.609	******	0.615	0.683	0.689	******	0.652	0.574	0.534	0.597
C	30	46.82	2.33	Transl10	0.527	0.577	0.595	******	0.622	0.668	0.689	0.678	0.651	0.574	0.534	0.597
C	31	46.77	2.02	SrfDwn	32	70	103	128	197	229	213	173	134	79	45	28
C	31	46.77	2.02	ToaDwn	116	180	273	372	447	461	463	400	309	211	133	98
C	31	46.77	2.02	CosZAvg	0.082	0.128	0.198	0.275	0.335	0.364	0.351	0.301	0.229	0.154	0.095	0.089
C	31	46.77	2.02	TransMax	0.590	0.668	0.657	0.657	0.696	0.699	0.691	0.679	0.649	0.599	0.552	0.581
C	31	46.77	2.02	TransMin	0.082	0.027	0.110	0.042	0.234	0.202	0.180	0.207	0.056	0.088	0.131	0.030
C	31	46.77	2.02	TransT5	0.581	0.668	0.657	0.657	0.683	0.681	0.682	0.679	0.638	0.584	0.536	0.569
C	31	46.77	2.02	Transl0	******	******	******	******	******	******	******	******	0.630	0.558	0.525	0.558
C	31	46.77	2.02	Transl5	0.441	0.550	0.580	******	0.598	0.681	0.674	******	0.634	0.578	0.523	0.558
C	31	46.77	2.02	Transl10	0.511	0.557	0.586	******	0.592	0.663	0.674	0.679	0.639	0.578	0.523	0.558
C	32	46.68	6.22	SrfDwn	32	77	101	123	189	227	231	178	142	79	43	28
C	32	46.68	6.22	ToaDwn	116	180	273	372	447	461	463	400	309	212	134	98
C	32	46.68	6.22	CosZAvg	0.082	0.129	0.198	0.275	0.335	0.364	0.351	0.301	0.229	0.154	0.096	0.070
C	32	46.68	6.22	TransMax	0.508	0.724	0.699	0.718	0.718	0.710	0.702	0.700	0.704	0.601	0.603	0.613
C	32	46.68	6.22	TransMin	0.079	0.071	0.106	0.082	0.135	0.129	0.162	0.093	0.063	0.079	0.077	0.095
C	32	46.68	6.22	TransT5	0.503	0.724	0.699	0.718	0.707	0.696	0.690	0.681	0.686	0.593	0.588	0.599
C	32	46.68	6.22	Transl0	0.508	0.629	******	******	******	0.676	******	0.700	0.682	******	******	0.425
C	32	46.68	6.22	Transl5	0.507	0.599	0.661	******	0.590	0.697	0.679	0.700	0.659	0.593	0.585	0.425
C	32	46.68	6.22	Transl10	0.507	0.574	0.661	******	0.590	0.698	0.660	0.653	0.658	0.593	0.472	0.519
C	179	46.67	21.73	SrfDwn	46	73	120	173	242	239	230	203	******	99	40	18
C	179	46.67	21.73	ToaDwn	116	180	273	372	447	461	463	400	******	212	134	99
C	179	46.67	21.73	CosZAvg	0.082	0.129	0.198	0.275	0.335	0.364	0.351	0.301	******	0.154	0.096	0.070
C	179	46.67	21.73	TransMax	0.628	0.706	0.685	0.667	0.720	0.695	0.693	0.695	******	0.640	0.632	0.625
C	179	46.67	21.73	TransMin	0.074	0.072	0.045	0.091	0.258	0.138	0.134	0.132	******	0.096	0.070	0.019
C	179	46.67	21.73	TransT5	0.626	0.693	0.671	0.659	0.707	0.679	0.679	0.682	******	0.627	0.632	0.625
C	179	46.67	21.73	Transl0	******	0.509	******	******	******	******	******	******	******	0.601	******	******
C	179	46.67	21.73	Transl5	0.595	0.575	0.685	******	******	******	******	******	******	0.581	******	******
C	179	46.67	21.73	Transl10	0.579	0.584	0.685	******	0.690	******	******	******	******	0.591	0.524	0.499
C	88	46.58	13.47	SrfDwn	32	90	98	160	206	227	228	189	154	93	44	22
C	88	46.58	13.47	ToaDwn	117	181	274	373	447	461	464	401	310	213	134	99
C	88	46.58	13.47	CosZAvg	0.083	0.129	0.199	0.275	0.335	0.364	0.351	0.301	0.230	0.155	0.096	0.070
C	88	46.58	13.47	TransMax	0.639	0.761	0.733	0.737	0.719	0.715	0.699	0.690	0.733	0.708	0.610	0.549
C	88	46.58	13.47	TransMin	0.073	0.097	0.073	0.067	0.084	0.063	0.044	0.088	0.118	0.085	0.040	0.059
C	88	46.58	13.47	TransT5	0.628	0.751	0.733	0.737	0.703	0.700	0.690	0.674	0.711	0.708	0.610	0.549
C	88	46.58	13.47	Transl0	******	0.761	0.697	******	******	0.715	0.690	0.690	******	0.708	******	******
C	88	46.58	13.47	Transl5	0.639	0.602	0.715	******	0.687	0.692	0.690	0.675	0.702	0.651	0.473	0.452
C	88	46.58	13.47	Transl10	0.435	0.613	0.694	******	0.685	0.679	0.684	0.675	0.700	0.636	0.467	0.389
C	33	46.55	7.63	SrfDwn	34	73	96	120	186	231	229	186	142	71	51	31
C	33	46.55	7.63	ToaDwn	117	181	274	373	448	461	464	401	310	213	135	99
C	33	46.55	7.63	CosZAvg	0.083	0.129	0.199	0.275	0.336	0.364	0.351	0.301	0.230	0.155	0.096	0.070
C	33	46.55	7.63	TransMax	0.552	0.680	0.614	0.649	0.721	0.705	0.704	0.680	0.673	0.621	0.618	0.604
C	33	46.55	7.63	TransMin	0.056	0.089	0.087	0.079	0.158	0.057	0.153	0.119	0.078	0.064	0.083	0.080
C	33	46.55	7.63	TransT5	0.552	0.668	0.601	0.635	0.721	0.687	0.683	0.667	0.658	0.617	0.608	0.590
C	33	46.55	7.63	Transl0	******	0.680	******	******	******	0.684	******	0.645	******	******	******	0.373
C	33	46.55	7.63	Transl5	******	0.554	0.543	******	0.721	0.677	0.672	0.655	0.636	******	******	0.461
C	33	46.55	7.63	Transl10	0.459	0.544	0.452	******	0.649	0.655	0.678	0.655	0.638	0.519	0.525	0.486

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	89	46.40	11.70	SrfDwn	37	67	105	157	206	229	230	201	169	97	63	32
C	89	46.40	11.70	TotaDwn	118	182	275	373	448	481	464	401	311	214	136	100
C	89	46.40	11.70	CosZAvg	0.084	0.130	0.200	0.276	0.336	0.364	0.351	0.301	0.230	0.156	0.097	0.071
C	89	46.40	11.70	TransMax	0.623	0.609	0.712	0.695	0.697	0.735	0.704	0.729	0.788	0.724	0.751	0.611
C	89	46.40	11.70	TransMin	0.092	0.209	0.071	0.098	0.110	0.071	0.075	0.137	0.138	0.107	0.095	0.101
C	89	46.40	11.70	TransT5	0.609	0.609	0.706	0.682	0.685	0.722	0.693	0.705	0.772	0.715	0.734	0.605
C	89	46.40	11.70	Trans10	******	0.609	0.700	******	******	0.724	0.615	0.695	******	0.705	******	******
C	89	46.40	11.70	Trans15	0.595	0.577	0.706	******	0.688	0.730	0.615	0.694	0.755	0.664	0.695	0.579
C	89	46.40	11.70	Trans110	0.409	0.594	0.632	******	0.690	0.722	0.661	0.688	0.729	0.613	0.698	0.587
C	3	46.25	16.37	SrfDwn	42	83	91	186	209	244	225	207	156	97	42	28
C	3	46.25	16.37	TotaDwn	119	183	276	374	448	481	464	402	312	215	137	101
C	3	46.25	16.37	CosZAvg	0.085	0.131	0.200	0.276	0.336	0.364	0.351	0.302	0.231	0.156	0.098	0.072
C	3	46.25	16.37	TransMax	0.623	0.587	0.657	0.641	0.683	0.685	0.661	0.699	0.697	0.638	0.615	0.611
C	3	46.25	16.37	TransMin	0.046	0.049	0.037	0.135	0.142	0.079	0.115	0.126	0.099	0.052	0.051	0.042
C	3	46.25	16.37	TransT5	0.623	0.575	0.657	0.625	0.668	0.683	0.646	0.654	0.680	0.626	0.609	0.611
C	3	46.25	16.37	Trans10	******	******	******	******	******	******	******	******	0.663	0.610	******	******
C	3	46.25	16.37	Trans15	0.503	0.574	0.611	******	0.626	******	0.620	0.631	0.663	0.598	******	******
C	3	46.25	16.37	Trans110	0.520	0.495	0.611	******	0.640	0.657	0.620	0.641	0.615	0.600	******	******
C	4	46.20	16.57	SrfDwn	37	78	108	184	229	254	224	208	170	105	50	******
C	4	46.20	16.57	TotaDwn	120	183	276	374	448	481	464	402	312	215	137	******
C	4	46.20	16.57	CosZAvg	0.085	0.131	0.200	0.276	0.336	0.364	0.351	0.302	0.231	0.157	0.098	******
C	4	46.20	16.57	TransMax	0.657	0.677	0.748	0.712	0.727	0.709	0.686	0.711	0.737	0.717	0.684	******
C	4	46.20	16.57	TransMin	0.077	0.071	0.055	0.205	0.180	0.082	0.074	0.057	0.063	0.066	0.074	******
C	4	46.20	16.57	TransT5	0.657	0.664	0.748	0.712	0.711	0.707	0.671	0.693	0.720	0.706	0.681	******
C	4	46.20	16.57	Trans10	******	******	******	******	******	******	******	******	0.737	0.679	******	******
C	4	46.20	16.57	Trans15	0.578	0.642	0.652	******	0.673	******	0.650	0.691	0.737	0.661	******	******
C	4	46.20	16.57	Trans110	0.578	0.588	0.652	******	0.673	0.657	0.650	0.684	0.683	0.669	******	******
C	180	46.17	17.12	SrfDwn	42	67	99	190	244	274	249	220	178	109	54	24
C	180	46.17	17.12	TotaDwn	120	184	276	374	448	481	464	402	312	215	137	102
C	180	46.17	17.12	CosZAvg	0.085	0.131	0.201	0.276	0.336	0.364	0.351	0.302	0.231	0.157	0.098	0.072
C	180	46.17	17.12	TransMax	0.703	0.672	0.728	0.706	0.745	0.756	0.733	0.716	0.719	0.697	0.674	0.630
C	180	46.17	17.12	TransMin	0.064	0.045	0.074	0.147	0.198	0.121	0.093	0.100	0.071	0.072	0.051	0.049
C	180	46.17	17.12	TransT5	0.692	0.655	0.728	0.694	0.736	0.739	0.711	0.699	0.699	0.677	0.674	0.630
C	180	46.17	17.12	Trans10	******	******	******	******	******	******	******	******	0.719	0.667	******	******
C	180	46.17	17.12	Trans15	0.660	0.617	0.687	******	0.673	******	0.677	0.685	0.719	0.657	******	******
C	180	46.17	17.12	Trans110	0.657	0.598	0.687	******	0.693	0.756	0.677	0.656	0.671	0.657	******	******
C	34	46.07	-1.73	SrfDwn	36	68	103	159	203	232	212	178	147	82	49	34
C	34	46.07	-1.73	TotaDwn	121	185	277	375	448	481	464	402	313	216	138	103
C	34	46.07	-1.73	CosZAvg	0.085	0.132	0.201	0.277	0.336	0.364	0.351	0.302	0.231	0.157	0.099	0.073
C	34	46.07	-1.73	TransMax	0.585	0.694	0.674	0.640	0.701	0.729	0.702	0.688	0.691	0.616	0.568	0.573
C	34	46.07	-1.73	TransMin	0.072	0.050	0.123	0.046	0.162	0.103	0.247	0.225	0.077	0.086	0.084	0.072
C	34	46.07	-1.73	TransT5	0.571	0.694	0.665	0.623	0.690	0.711	0.688	0.657	0.675	0.614	0.556	0.569
C	34	46.07	-1.73	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	34	46.07	-1.73	Trans15	******	0.694	******	******	******	******	******	******	******	******	******	******
C	34	46.07	-1.73	Trans110	******	0.694	******	******	******	******	******	******	******	******	0.568	******
C	90	46.00	7.85	SrfDwn	35	70	101	109	194	233	241	200	157	90	58	34
C	90	46.00	7.85	TotaDwn	121	185	276	375	448	481	464	402	313	216	139	103
C	90	46.00	7.85	CosZAvg	0.086	0.132	0.201	0.277	0.336	0.364	0.351	0.302	0.232	0.157	0.099	0.073
C	90	46.00	7.85	TransMax	0.691	0.688	0.652	0.628	0.729	0.714	0.710	0.694	0.697	0.651	0.672	0.675
C	90	46.00	7.85	TransMin	0.056	0.076	0.053	0.048	0.168	0.072	0.161	0.096	0.063	0.083	0.088	0.087
C	90	46.00	7.85	TransT5	0.691	0.688	0.647	0.618	0.729	0.698	0.690	0.678	0.678	0.643	0.652	0.660
C	90	46.00	7.85	Trans10	******	0.688	******	******	******	0.688	******	0.671	******	******	******	0.562
C	90	46.00	7.85	Trans15	******	0.525	0.595	******	0.729	0.682	0.690	0.683	0.643	******	******	0.620
C	90	46.00	7.85	Trans110	0.553	0.531	0.519	******	0.631	0.680	0.694	0.683	0.643	0.548	0.480	0.556
C	5	47.82	13.73	SrfDwn	20	51	65	82	180	192	191	165	******	114	72	42
C	5	47.82	13.73	TotaDwn	122	186	279	376	449	481	464	403	******	218	140	104
C	5	47.82	13.73	CosZAvg	0.087	0.133	0.202	0.277	0.336	0.364	0.352	0.303	******	0.158	0.100	0.074
C	5	47.82	13.73	TransMax	0.341	0.384	0.367	0.365	0.726	0.750	0.715	0.708	******	0.747	0.754	0.745
C	5	47.82	13.73	TransMin	0.070	0.106	0.101	0.072	0.074	0.087	0.075	0.076	******	0.084	0.136	0.143
C	5	47.82	13.73	TransT5	0.336	0.376	0.361	0.365	0.708	0.740	0.715	0.700	******	0.735	0.744	0.729
C	5	47.82	13.73	Trans10	******	0.364	0.356	******	******	0.731	0.647	0.708	******	0.718	******	******
C	5	47.82	13.73	Trans15	0.341	0.362	0.363	******	0.633	0.740	0.647	0.634	******	0.734	0.684	0.726
C	5	47.82	13.73	Trans110	0.281	0.355	0.311	******	0.655	0.729	0.616	0.592	******	0.734	0.565	0.721
C	35	47.80	3.55	SrfDwn	38	76	123	142	207	243	253	199	153	98	48	37
C	35	47.80	3.55	TotaDwn	122	186	279	376	449	481	464	403	314	218	140	104
C	35	47.80	3.55	CosZAvg	0.087	0.133	0.202	0.277	0.336	0.364	0.352	0.303	0.233	0.158	0.100	0.074
C	35	47.80	3.55	TransMax	0.646	0.720	0.676	0.633	0.707	0.722	0.704	0.713	0.714	0.640	0.605	0.649
C	35	47.80	3.55	TransMin	0.057	0.047	0.120	0.040	0.108	0.199	0.226	0.184	0.073	0.109	0.094	0.061
C	35	47.80	3.55	TransT5	0.646	0.715	0.662	0.617	0.695	0.717	0.693	0.692	0.703	0.633	0.600	0.633
C	35	47.80	3.55	Trans10	******	******	******	******	******	******	******	******	0.625	0.628	0.601	0.633
C	35	47.80	3.55	Trans15	0.318	0.654	0.602	******	0.541	0.689	0.704	******	0.670	0.628	0.482	0.633
C	35	47.80	3.55	Trans110	0.510	0.657	0.625	******	0.594	0.676	0.704	0.713	0.656	0.628	0.482	0.633

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	91	47.80	11.02	SrfDwn	45	89	125	146	186	227	212	187	148	106	65	42
C	91	47.80	11.02	TosDwn	122	186	279	376	449	481	464	403	314	218	140	104
C	91	47.80	11.02	CosZAvg	0.087	0.133	0.202	0.277	0.336	0.364	0.352	0.303	0.233	0.158	0.100	0.074
C	91	47.80	11.02	TransMax	0.710	0.745	0.793	0.779	0.733	0.748	0.723	0.722	0.718	0.715	0.700	0.781
C	91	47.80	11.02	TransMin	0.082	0.175	0.105	0.083	0.082	0.079	0.085	0.093	0.078	0.136	0.086	0.090
C	91	47.80	11.02	TransT5	0.710	0.745	0.787	0.779	0.733	0.734	0.714	0.704	0.700	0.692	0.682	0.781
C	91	47.80	11.02	Transl0	******	0.611	******	******	******	0.703	******	0.703	******	******	******	0.663
C	91	47.80	11.02	Transl5	******	0.640	0.620	******	0.733	0.695	0.721	0.704	0.603	******	******	0.690
C	91	47.80	11.02	Transl10	0.454	0.583	0.672	******	0.583	0.685	0.675	0.704	0.603	0.694	0.540	0.637
C	6	47.80	13.00	SrfDwn	36	77	94	148	184	202	199	166	141	87	57	39
C	6	47.80	13.00	TosDwn	122	186	279	376	449	481	464	403	314	218	140	104
C	6	47.80	13.00	CosZAvg	0.087	0.133	0.202	0.277	0.336	0.364	0.352	0.303	0.233	0.158	0.100	0.074
C	6	47.80	13.00	TransMax	0.659	0.667	0.650	0.624	0.668	0.679	0.665	0.655	0.636	0.618	0.619	0.576
C	6	47.80	13.00	TransMin	0.075	0.095	0.047	0.067	0.055	0.084	0.050	0.080	0.097	0.053	0.080	0.067
C	6	47.80	13.00	TransT5	0.645	0.667	0.629	0.613	0.657	0.666	0.646	0.636	0.624	0.609	0.608	0.566
C	6	47.80	13.00	Transl0	******	0.667	0.618	******	******	0.679	0.617	0.626	******	0.617	******	******
C	6	47.80	13.00	Transl5	0.636	0.558	0.634	******	0.627	0.675	0.617	0.626	0.633	0.606	0.557	0.565
C	6	47.80	13.00	Transl10	0.412	0.531	0.580	******	0.625	0.664	0.643	0.620	0.599	0.599	0.563	0.566
C	115	47.68	16.60	SrfDwn	52	76	106	186	238	250	229	209	189	122	60	34
C	115	47.68	16.60	TosDwn	123	187	279	376	449	481	464	403	315	218	141	105
C	115	47.68	16.60	CosZAvg	0.087	0.134	0.203	0.278	0.337	0.364	0.352	0.303	0.233	0.159	0.101	0.075
C	115	47.68	16.60	TransMax	0.739	0.767	0.735	0.687	0.715	0.695	0.680	0.683	0.815	0.763	0.731	0.702
C	115	47.68	16.60	TransMin	0.046	0.046	0.068	0.209	0.224	0.194	0.053	0.123	0.103	0.050	0.096	0.011
C	115	47.68	16.60	TransT5	0.724	0.754	0.735	0.676	0.699	0.679	0.669	0.653	0.806	0.764	0.721	0.694
C	115	47.68	16.60	Transl0	******	******	******	******	******	******	******	******	0.813	0.760	******	******
C	115	47.68	16.60	Transl5	0.640	0.700	0.692	******	0.672	******	0.637	0.655	0.813	0.721	******	******
C	115	47.68	16.60	Transl10	0.656	0.580	0.692	******	0.677	0.591	0.637	0.644	0.761	0.721	******	******
C	191	47.55	7.58	SrfDwn	39	64	109	108	191	227	231	194	152	95	55	36
C	191	47.55	7.58	TosDwn	124	188	280	377	449	481	465	404	315	219	142	106
C	191	47.55	7.58	CosZAvg	0.088	0.134	0.203	0.278	0.337	0.364	0.352	0.303	0.234	0.160	0.101	0.075
C	191	47.55	7.58	TransMax	0.647	0.602	0.628	0.656	0.714	0.695	0.666	0.676	0.686	0.622	0.591	0.598
C	191	47.55	7.58	TransMin	0.089	0.089	0.076	0.034	0.158	0.077	0.228	0.151	0.090	0.072	0.089	0.087
C	191	47.55	7.58	TransT5	0.647	0.582	0.610	0.656	0.714	0.681	0.654	0.663	0.648	0.610	0.580	0.586
C	191	47.55	7.58	Transl0	******	0.602	******	******	******	0.668	******	0.637	******	******	******	0.564
C	191	47.55	7.58	Transl5	******	0.455	0.544	******	0.714	0.644	0.663	0.644	0.569	******	******	0.588
C	191	47.55	7.58	Transl10	0.527	0.472	0.565	******	0.557	0.642	0.660	0.644	0.569	0.589	0.456	0.521
C	192	47.48	8.53	SrfDwn	38	70	116	114	191	235	227	188	145	86	54	31
C	192	47.48	8.53	TosDwn	125	188	281	377	449	481	465	404	316	220	142	107
C	192	47.48	8.53	CosZAvg	0.088	0.135	0.204	0.278	0.337	0.364	0.352	0.303	0.234	0.160	0.102	0.076
C	192	47.48	8.53	TransMax	0.640	0.592	0.628	0.639	0.721	0.695	0.699	0.657	0.677	0.609	0.617	0.539
C	192	47.48	8.53	TransMin	0.076	0.139	0.114	0.045	0.139	0.101	0.079	0.090	0.102	0.061	0.100	0.096
C	192	47.48	8.53	TransT5	0.640	0.592	0.628	0.639	0.721	0.682	0.681	0.653	0.656	0.601	0.607	0.539
C	192	47.48	8.53	Transl0	******	******	******	******	******	******	******	******	******	0.609	******	******
C	192	47.48	8.53	Transl5	******	0.200	0.578	******	******	0.690	0.685	0.576	0.581	0.564	0.210	0.298
C	192	47.48	8.53	Transl10	******	0.370	0.578	******	******	0.680	0.677	0.625	0.581	0.559	0.402	0.351
C	116	47.48	21.63	SrfDwn	******	******	******	******	******	******	273	254	203	122	68	25
C	116	47.48	21.63	TosDwn	******	******	******	******	******	******	465	404	316	220	142	107
C	116	47.48	21.63	CosZAvg	******	******	******	******	******	******	0.352	0.303	0.234	0.160	0.102	0.076
C	116	47.48	21.63	TransMax	******	******	******	******	******	******	0.744	0.796	0.760	0.772	0.786	0.759
C	116	47.48	21.63	TransMin	******	******	******	******	******	******	0.372	0.087	0.452	0.067	0.100	0.029
C	116	47.48	21.63	TransT5	******	******	******	******	******	******	0.728	0.790	0.748	0.772	0.786	0.759
C	116	47.48	21.63	Transl0	******	******	******	******	******	******	******	******	0.692	0.719	******	******
C	116	47.48	21.63	Transl5	******	******	******	******	******	******	******	0.739	0.690	0.678	******	******
C	116	47.48	21.63	Transl10	******	******	******	******	******	******	******	0.736	0.708	0.659	******	0.553
C	36	47.45	0.72	SrfDwn	39	77	131	153	205	245	252	205	150	135	51	37
C	36	47.45	0.72	TosDwn	125	189	281	377	449	481	465	404	316	220	142	107
C	36	47.45	0.72	CosZAvg	0.089	0.135	0.204	0.278	0.337	0.364	0.352	0.303	0.234	0.160	0.102	0.076
C	36	47.45	0.72	TransMax	0.664	0.759	0.997	0.709	0.725	0.728	0.710	0.697	0.702	0.641	0.621	0.629
C	36	47.45	0.72	TransMin	0.073	0.048	0.086	0.053	0.145	0.201	0.279	0.151	0.085	0.177	0.074	0.081
C	36	47.45	0.72	TransT5	0.664	0.759	0.997	0.709	0.709	0.716	0.700	0.677	0.695	0.629	0.611	0.613
C	36	47.45	0.72	Transl0	******	0.625	******	******	******	******	******	******	0.687	******	******	0.600
C	36	47.45	0.72	Transl5	0.613	0.625	0.654	******	0.709	0.679	0.697	0.681	0.655	0.590	0.606	0.600
C	36	47.45	0.72	Transl10	0.613	0.692	0.617	0.709	0.709	0.672	0.651	0.689	0.663	0.595	0.606	0.600
C	117	47.43	19.18	SrfDwn	47	63	103	185	247	243	231	220	176	103	49	24
C	117	47.43	19.18	TosDwn	125	189	281	377	449	481	465	404	316	220	143	107
C	117	47.43	19.18	CosZAvg	0.089	0.135	0.204	0.278	0.337	0.364	0.352	0.304	0.234	0.160	0.102	0.076
C	117	47.43	19.18	TransMax	0.608	0.646	0.683	0.675	0.736	0.676	0.654	0.674	0.686	0.652	0.557	0.471
C	117	47.43	19.18	TransMin	0.045	0.063	0.107	0.154	0.158	0.164	0.084	0.162	0.352	0.081	0.053	0.055
C	117	47.43	19.18	TransT5	0.608	0.646	0.668	0.665	0.734	0.654	0.643	0.659	0.678	0.635	0.543	0.470
C	117	47.43	19.18	Transl0	0.608	******	******	******	******	******	******	******	0.631	0.591	******	******
C	117	47.43	19.18	Transl5	0.608	0.603	******	******	0.689	******	******	0.623	0.630	0.594	******	******
C	117	47.43	19.18	Transl10	0.608	0.603	******	******	0.686	******	0.621	0.615	0.632	0.595	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	37	47.27	5.08	SrfDwn	35	81	114	130	187	245	259	203	165	95	55	32
C	37	47.27	5.08	TOADwn	126	190	282	378	450	481	465	404	317	221	144	108
C	37	47.27	5.08	CosZAvg	0.089	0.136	0.205	0.279	0.337	0.364	0.352	0.304	0.235	0.161	0.103	0.077
C	37	47.27	5.08	TransMax	0.610	0.706	0.700	0.692	0.727	0.731	0.724	0.726	0.727	0.633	0.663	0.604
C	37	47.27	5.08	TransMin	0.096	0.151	0.083	0.093	0.104	0.197	0.228	0.181	0.085	0.133	0.119	0.095
C	37	47.27	5.08	TransT5	0.610	0.690	0.700	0.692	0.727	0.715	0.703	0.722	0.727	0.622	0.645	0.604
C	37	47.27	5.08	Trans10	******	******	******	******	******	0.663	******	0.717	0.727	******	0.649	******
C	37	47.27	5.08	Trans15	******	0.597	0.632	******	******	0.679	0.691	0.698	0.703	0.599	0.649	0.264
C	37	47.27	5.08	Trans110	0.439	0.616	0.632	******	******	0.689	0.699	0.687	0.679	0.587	0.641	0.238
C	7	47.27	11.38	SrfDwn	40	77	114	142	176	177	176	158	132	88	54	36
C	7	47.27	11.38	TOADwn	126	190	282	378	450	481	465	405	317	221	144	108
C	7	47.27	11.38	CosZAvg	0.089	0.136	0.204	0.279	0.337	0.364	0.352	0.304	0.235	0.161	0.103	0.077
C	7	47.27	11.38	TransMax	0.584	0.581	0.620	0.682	0.644	0.585	0.579	0.564	0.610	0.541	0.529	0.534
C	7	47.27	11.38	TransMin	0.023	0.146	0.143	0.085	0.082	0.077	0.065	0.086	0.083	0.076	0.087	0.059
C	7	47.27	11.38	TransT5	0.575	0.569	0.611	0.682	0.630	0.574	0.579	0.554	0.610	0.529	0.515	0.534
C	7	47.27	11.38	Trans10	******	******	******	******	******	0.503	******	******	******	******	0.529	0.471
C	7	47.27	11.38	Trans15	0.348	******	******	******	******	0.498	******	0.554	0.519	0.495	0.483	0.448
C	7	47.27	11.38	Trans110	0.394	0.509	******	******	0.606	0.498	0.540	0.554	0.540	0.478	0.484	0.445
C	193	47.25	9.35	SrfDwn	45	125	157	199	223	288	201	201	186	130	84	48
C	193	47.25	9.35	TOADwn	126	190	282	378	450	481	465	405	317	221	144	108
C	193	47.25	9.35	CosZAvg	0.090	0.136	0.205	0.279	0.337	0.364	0.352	0.304	0.235	0.161	0.103	0.077
C	193	47.25	9.35	TransMax	0.889	0.903	0.913	0.831	0.828	0.813	0.795	0.782	0.812	0.808	0.868	0.872
C	193	47.25	9.35	TransMin	0.087	0.169	0.149	0.262	0.123	0.141	0.057	0.099	0.244	0.078	0.145	0.077
C	193	47.25	9.35	TransT5	0.889	0.878	0.913	0.831	0.815	0.800	0.795	0.764	0.786	0.784	0.854	0.872
C	193	47.25	9.35	Trans10	******	******	******	******	******	******	******	******	******	0.754	******	******
C	193	47.25	9.35	Trans15	******	0.836	0.836	******	******	0.773	0.654	0.782	0.793	0.761	0.850	0.832
C	193	47.25	9.35	Trans110	******	0.767	0.836	******	******	0.774	0.648	0.749	0.793	0.754	0.809	0.794
C	38	47.17	-1.60	SrfDwn	******	******	110	160	194	260	258	204	162	96	53	43
C	38	47.17	-1.60	TOADwn	******	******	282	378	450	481	465	405	317	222	144	109
C	38	47.17	-1.60	CosZAvg	******	******	0.205	0.279	0.337	0.364	0.352	0.304	0.235	0.161	0.103	0.077
C	38	47.17	-1.60	TransMax	******	******	0.657	0.653	0.684	0.723	0.723	0.729	0.732	0.673	0.658	0.644
C	38	47.17	-1.60	TransMin	******	******	0.101	0.053	0.139	0.261	0.350	0.286	0.114	0.076	0.075	0.089
C	38	47.17	-1.60	TransT5	******	******	0.653	0.650	0.679	0.708	0.711	0.729	0.725	0.652	0.650	0.641
C	38	47.17	-1.60	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	38	47.17	-1.60	Trans15	******	******	******	******	******	******	******	******	0.722	0.638	******	0.621
C	38	47.17	-1.60	Trans110	******	******	0.634	******	******	0.700	0.619	******	0.682	0.638	0.619	0.589
C	172	47.17	27.63	SrfDwn	40	72	110	164	240	250	246	234	181	89	44	41
C	172	47.17	27.63	TOADwn	127	191	282	378	450	481	465	405	317	222	144	109
C	172	47.17	27.63	CosZAvg	0.090	0.136	0.205	0.279	0.337	0.364	0.352	0.304	0.235	0.162	0.103	0.077
C	172	47.17	27.63	TransMax	0.614	0.673	0.681	0.591	0.653	0.671	0.684	0.702	0.733	0.730	0.614	0.558
C	172	47.17	27.63	TransMin	0.085	0.117	0.089	0.056	0.130	0.218	0.334	0.271	0.206	0.087	0.051	0.120
C	172	47.17	27.63	TransT5	0.613	0.668	0.668	0.577	0.640	0.653	0.671	0.685	0.716	0.730	0.607	0.549
C	172	47.17	27.63	Trans10	******	******	******	******	******	******	******	0.670	******	******	******	******
C	172	47.17	27.63	Trans15	0.162	******	******	******	******	******	******	0.673	0.681	0.575	******	******
C	172	47.17	27.63	Trans110	0.162	0.630	******	******	******	******	******	0.649	0.671	0.653	******	******
C	8	47.05	12.95	SrfDwn	16	18	24	24	******	******	******	******	******	******	******	******
C	8	47.05	12.95	TOADwn	128	191	283	378	******	******	******	******	******	******	******	******
C	8	47.05	12.95	CosZAvg	0.091	0.137	0.205	0.279	******	******	******	******	******	******	******	******
C	8	47.05	12.95	TransMax	0.308	0.163	0.147	0.136	******	******	******	******	******	******	******	******
C	8	47.05	12.95	TransMin	0.040	0.039	0.051	0.005	******	******	******	******	******	******	******	******
C	8	47.05	12.95	TransT5	0.308	0.163	0.145	0.136	******	******	******	******	******	******	******	******
C	8	47.05	12.95	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	8	47.05	12.95	Trans15	0.253	******	******	******	******	******	******	******	******	******	******	******
C	8	47.05	12.95	Trans110	0.235	0.121	******	******	******	******	******	******	******	******	******	******
C	39	47.00	-2.33	SrfDwn	45	66	120	192	219	285	284	223	154	93	52	40
C	39	47.00	-2.33	TOADwn	128	192	283	379	450	481	465	405	318	223	145	110
C	39	47.00	-2.33	CosZAvg	0.091	0.137	0.206	0.280	0.337	0.364	0.352	0.304	0.235	0.162	0.104	0.078
C	39	47.00	-2.33	TransMax	0.630	0.712	0.687	0.692	0.734	0.725	0.714	0.749	0.716	0.626	0.662	0.651
C	39	47.00	-2.33	TransMin	0.076	0.051	0.164	0.061	0.180	0.207	0.309	0.299	0.121	0.087	0.075	0.085
C	39	47.00	-2.33	TransT5	0.630	0.712	0.670	0.681	0.718	0.704	0.700	0.731	0.709	0.607	0.647	0.650
C	39	47.00	-2.33	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	39	47.00	-2.33	Trans15	******	******	******	******	******	0.703	******	******	0.693	0.597	******	0.540
C	39	47.00	-2.33	Trans110	******	******	0.659	******	******	0.697	0.649	******	0.676	0.597	0.612	0.500
C	118	46.87	20.53	SrfDwn	52	87	117	207	265	261	235	228	183	122	70	35
C	118	46.87	20.53	TOADwn	129	193	284	379	450	481	465	406	319	224	147	111
C	118	46.87	20.53	CosZAvg	0.091	0.138	0.206	0.280	0.338	0.364	0.352	0.305	0.236	0.163	0.105	0.079
C	118	46.87	20.53	TransMax	0.697	0.771	0.724	0.723	0.766	0.670	0.656	0.661	0.685	0.733	0.732	0.630
C	118	46.87	20.53	TransMin	0.084	0.098	0.144	0.147	0.247	0.225	0.130	0.119	0.266	0.169	0.098	0.099
C	118	46.87	20.53	TransT5	0.697	0.760	0.715	0.704	0.746	0.652	0.647	0.646	0.668	0.714	0.717	0.615
C	118	46.87	20.53	Trans10	0.697	******	******	******	******	******	******	******	0.637	0.674	******	******
C	118	46.87	20.53	Trans15	0.697	0.655	******	******	0.726	******	******	0.588	0.648	0.674	******	******
C	118	46.87	20.53	Trans110	0.697	0.655	******	******	0.729	******	0.631	0.605	0.646	0.656	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	194	46.82	6.95	SrfDwn	45	67	123	115	201	249	254	198	153	100	55	32
C	194	46.82	6.95	ToaDwn	129	193	284	379	450	482	465	406	319	224	147	111
C	194	46.82	6.95	CosZAvg	0.092	0.138	0.206	0.280	0.338	0.364	0.352	0.305	0.236	0.163	0.105	0.079
C	194	46.82	6.95	TransMax	0.667	0.579	0.694	0.636	0.697	0.701	0.732	0.691	0.669	0.646	0.631	0.612
C	194	46.82	6.95	TransMin	0.100	0.115	0.114	0.050	0.137	0.157	0.216	0.118	0.199	0.093	0.093	0.109
C	194	46.82	6.95	TransT5	0.667	0.579	0.678	0.636	0.687	0.689	0.716	0.678	0.668	0.630	0.620	0.610
C	194	46.82	6.95	Trans10	******	******	******	******	******	0.684	******	0.654	0.689	******	0.627	******
C	194	46.82	6.95	Trans15	******	0.438	0.464	******	******	0.677	0.693	0.647	0.682	0.607	0.627	0.225
C	194	46.82	6.95	Trans110	0.390	0.433	0.464	******	******	0.684	0.695	0.654	0.646	0.606	0.615	0.224
C	195	46.80	9.82	SrfDwn	57	123	180	208	242	258	222	214	177	129	75	50
C	195	46.80	9.82	ToaDwn	129	193	285	379	450	482	465	406	319	224	147	111
C	195	46.80	9.82	CosZAvg	0.092	0.138	0.206	0.280	0.338	0.364	0.352	0.305	0.236	0.163	0.105	0.079
C	195	46.80	9.82	TransMax	0.763	0.820	0.789	0.821	0.774	0.801	0.739	0.698	0.719	0.693	0.667	0.650
C	195	46.80	9.82	TransMin	0.087	0.315	0.339	0.223	0.126	0.198	0.076	0.110	0.250	0.187	0.205	0.141
C	195	46.80	9.82	TransT5	0.763	0.799	0.779	0.811	0.774	0.787	0.728	0.678	0.704	0.677	0.654	0.639
C	195	46.80	9.82	Trans10	******	******	******	******	******	******	******	******	******	0.670	******	******
C	195	46.80	9.82	Trans15	******	0.752	0.738	******	******	0.717	0.729	0.680	0.694	0.680	0.653	0.645
C	195	46.80	9.82	Trans110	******	0.709	0.738	******	******	0.715	0.698	0.676	0.694	0.672	0.653	0.624
C	173	46.78	23.57	SrfDwn	52	71	160	209	267	248	235	246	190	120	54	42
C	173	46.78	23.57	ToaDwn	130	193	284	379	450	482	465	406	319	224	147	112
C	173	46.78	23.57	CosZAvg	0.092	0.138	0.206	0.280	0.338	0.364	0.352	0.305	0.236	0.163	0.105	0.079
C	173	46.78	23.57	TransMax	0.706	0.723	0.848	0.760	0.807	0.751	0.771	0.761	0.725	0.695	0.683	0.618
C	173	46.78	23.57	TransMin	0.115	0.113	0.127	0.134	0.165	0.194	0.174	0.144	0.083	0.113	0.096	0.108
C	173	46.78	23.57	TransT5	0.697	0.711	0.848	0.745	0.784	0.734	0.771	0.755	0.707	0.682	0.683	0.611
C	173	46.78	23.57	Trans10	******	******	******	******	******	******	******	******	0.684	0.655	******	******
C	173	46.78	23.57	Trans15	0.672	******	******	******	******	******	******	0.673	0.672	0.655	******	******
C	173	46.78	23.57	Trans110	0.672	******	******	******	0.792	******	******	0.702	0.686	0.633	******	0.571
C	40	46.70	-1.38	SrfDwn	41	73	115	166	207	254	263	214	159	97	56	42
C	40	46.70	-1.38	ToaDwn	130	194	285	380	451	482	465	406	319	225	148	112
C	40	46.70	-1.38	CosZAvg	0.092	0.139	0.207	0.281	0.338	0.364	0.352	0.305	0.237	0.164	0.106	0.080
C	40	46.70	-1.38	TransMax	0.629	0.727	0.686	0.717	0.702	0.730	0.724	0.722	0.718	0.706	0.696	0.713
C	40	46.70	-1.38	TransMin	0.086	0.053	0.091	0.075	0.133	0.205	0.268	0.267	0.103	0.085	0.089	0.058
C	40	46.70	-1.38	TransT5	0.629	0.713	0.675	0.717	0.693	0.715	0.702	0.722	0.713	0.706	0.696	0.713
C	40	46.70	-1.38	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
C	40	46.70	-1.38	Trans15	******	******	******	******	******	0.730	******	******	0.713	0.622	******	0.603
C	40	46.70	-1.38	Trans110	******	******	0.633	******	******	0.715	0.649	******	0.676	0.623	0.607	0.568
C	9	46.65	14.33	SrfDwn	60	85	120	157	219	229	242	207	165	99	56	41
C	9	46.65	14.33	ToaDwn	131	194	285	380	451	482	465	406	320	225	148	113
C	9	46.65	14.33	CosZAvg	0.093	0.139	0.207	0.281	0.338	0.364	0.352	0.305	0.237	0.164	0.106	0.080
C	9	46.65	14.33	TransMax	0.687	0.699	0.721	0.729	0.723	0.696	0.688	0.692	0.698	0.674	0.693	0.717
C	9	46.65	14.33	TransMin	0.052	0.049	0.099	0.120	0.147	0.110	0.180	0.031	0.122	0.049	0.077	0.084
C	9	46.65	14.33	TransT5	0.680	0.679	0.721	0.729	0.703	0.698	0.676	0.672	0.687	0.665	0.693	0.717
C	9	46.65	14.33	Trans10	******	******	******	******	******	0.696	******	******	******	******	0.208	0.386
C	9	46.65	14.33	Trans15	0.482	******	******	******	******	0.696	******	0.686	0.653	0.570	0.273	0.310
C	9	46.65	14.33	Trans110	0.534	0.628	******	******	0.706	0.696	0.685	0.686	0.643	0.538	0.277	0.310
C	196	46.55	7.98	SrfDwn	41	114	160	156	236	304	261	228	194	142	88	56
C	196	46.55	7.98	ToaDwn	131	195	286	380	451	482	465	407	320	226	149	113
C	196	46.55	7.98	CosZAvg	0.093	0.139	0.208	0.281	0.338	0.364	0.352	0.305	0.237	0.164	0.107	0.080
C	196	46.55	7.98	TransMax	0.787	0.830	0.833	0.798	0.820	0.829	0.832	0.838	0.865	0.846	0.850	0.918
C	196	46.55	7.98	TransMin	0.067	0.125	0.162	0.069	0.212	0.201	0.156	0.205	0.195	0.121	0.098	0.035
C	196	46.55	7.98	TransT5	0.787	0.806	0.815	0.787	0.808	0.808	0.817	0.838	0.848	0.848	0.826	0.918
C	196	46.55	7.98	Trans10	******	******	******	******	******	******	******	******	******	0.758	******	******
C	196	46.55	7.98	Trans15	******	0.806	0.806	******	******	0.772	0.727	0.779	0.797	0.766	0.793	0.795
C	196	46.55	7.98	Trans110	******	0.802	0.806	******	******	0.775	0.765	0.710	0.797	0.759	0.796	0.781
C	126	46.47	11.33	SrfDwn	48	82	127	116	208	225	229	203	165	114	60	48
C	126	46.47	11.33	ToaDwn	132	195	286	381	451	482	466	407	321	226	149	114
C	126	46.47	11.33	CosZAvg	0.093	0.140	0.208	0.281	0.338	0.364	0.352	0.306	0.238	0.165	0.107	0.081
C	126	46.47	11.33	TransMax	0.615	0.628	0.672	0.630	0.627	0.614	0.633	0.628	0.665	0.619	0.599	0.535
C	126	46.47	11.33	TransMin	0.031	0.166	0.104	0.059	0.126	0.032	0.132	0.084	0.170	0.135	0.047	0.173
C	126	46.47	11.33	TransT5	0.615	0.628	0.655	0.612	0.619	0.602	0.614	0.611	0.665	0.605	0.592	0.529
C	126	46.47	11.33	Trans10	******	******	******	******	******	0.599	******	******	******	******	0.500	0.438
C	126	46.47	11.33	Trans15	0.506	******	******	******	******	0.603	******	0.552	0.608	0.561	0.486	0.467
C	126	46.47	11.33	Trans110	0.504	0.551	******	******	0.601	0.603	0.619	0.552	0.605	0.545	0.466	0.460
C	197	46.43	6.10	SrfDwn	41	89	130	116	190	225	229	181	173	112	79	44
C	197	46.43	6.10	ToaDwn	132	196	287	381	451	482	466	407	321	227	149	114
C	197	46.43	6.10	CosZAvg	0.094	0.140	0.208	0.281	0.338	0.364	0.353	0.306	0.238	0.165	0.107	0.081
C	197	46.43	6.10	TransMax	0.926	0.800	0.792	0.787	0.728	0.719	0.772	0.784	0.744	0.776	0.793	0.733
C	197	46.43	6.10	TransMin	0.087	0.137	0.103	0.099	0.156	0.135	0.125	0.145	0.127	0.076	0.088	0.112
C	197	46.43	6.10	TransT5	0.926	0.778	0.781	0.787	0.727	0.704	0.765	0.764	0.733	0.761	0.793	0.726
C	197	46.43	6.10	Trans10	******	******	******	******	******	0.687	******	0.764	0.744	******	0.698	******
C	197	46.43	6.10	Trans15	******	0.622	0.725	******	******	0.703	0.657	0.669	0.733	0.626	0.698	0.706
C	197	46.43	6.10	Trans110	0.420	0.663	0.725	******	******	0.661	0.654	0.674	0.719	0.667	0.719	0.711

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	198	46.42	9.82	SrfDwn	77	141	202	219	283	314	270	253	199	162	96	76
C	198	46.42	9.82	TocDwn	132	196	287	381	451	482	466	407	321	227	150	114
C	198	46.42	9.82	CosZAvg	0.094	0.140	0.208	0.281	0.338	0.364	0.353	0.306	0.238	0.165	0.107	0.081
C	198	46.42	9.82	TransMax	0.871	0.912	0.892	0.886	0.875	0.913	0.860	0.891	0.904	0.841	0.848	0.931
C	198	46.42	9.82	TransMin	0.228	0.464	0.355	0.364	0.263	0.366	0.127	0.159	0.179	0.306	0.296	0.283
C	198	46.42	9.82	TransT5	0.852	0.894	0.878	0.882	0.856	0.889	0.840	0.865	0.904	0.819	0.831	0.931
C	198	46.42	9.82	Transl0	******	******	******	******	******	******	******	******	******	0.783	******	******
C	198	46.42	9.82	Transl5	******	0.903	0.864	******	******	0.861	0.820	0.853	0.811	0.792	0.842	0.833
C	198	46.42	9.82	Transl10	******	0.896	0.864	******	******	0.854	0.813	0.840	0.811	0.787	0.822	0.819
C	41	46.30	4.80	SrfDwn	41	59	117	124	197	280	275	209	158	96	57	38
C	41	46.30	4.80	TocDwn	133	197	287	381	451	482	466	407	321	227	150	115
C	41	46.30	4.80	CosZAvg	0.094	0.141	0.209	0.282	0.338	0.364	0.353	0.306	0.238	0.166	0.108	0.082
C	41	46.30	4.80	TransMax	0.514	0.596	0.682	0.667	0.725	0.725	0.729	0.708	0.727	0.655	0.631	0.575
C	41	46.30	4.80	TransMin	0.073	0.087	0.053	0.071	0.149	0.276	0.222	0.230	0.103	0.163	0.078	0.070
C	41	46.30	4.80	TransT5	0.514	0.596	0.654	0.659	0.711	0.707	0.710	0.688	0.720	0.655	0.617	0.565
C	41	46.30	4.80	Transl0	******	******	******	******	******	0.619	******	0.708	0.713	******	0.607	******
C	41	46.30	4.80	Transl5	******	0.454	0.619	******	******	0.649	0.698	0.695	0.695	0.530	0.607	0.409
C	41	46.30	4.80	Transl10	0.335	0.431	0.619	******	******	0.673	0.693	0.687	0.674	0.529	0.619	0.349
C	199	46.25	6.13	SrfDwn	41	56	116	119	209	252	264	200	157	100	59	34
C	199	46.25	6.13	TocDwn	133	197	286	382	451	482	466	407	322	228	151	115
C	199	46.25	6.13	CosZAvg	0.095	0.141	0.209	0.282	0.338	0.364	0.353	0.306	0.238	0.166	0.108	0.082
C	199	46.25	6.13	TransMax	0.624	0.629	0.667	0.699	0.685	0.678	0.707	0.693	0.690	0.662	0.643	0.616
C	199	46.25	6.13	TransMin	0.078	0.106	0.080	0.057	0.149	0.175	0.176	0.234	0.122	0.104	0.077	0.122
C	199	46.25	6.13	TransT5	0.624	0.629	0.667	0.699	0.675	0.670	0.693	0.672	0.666	0.662	0.643	0.616
C	199	46.25	6.13	Transl0	******	******	******	******	******	0.614	******	0.640	0.662	******	0.609	******
C	199	46.25	6.13	Transl5	******	0.398	0.612	******	******	0.604	0.658	0.634	0.657	0.592	0.609	0.274
C	199	46.25	6.13	Transl10	0.505	0.356	0.612	******	******	0.635	0.662	0.638	0.644	0.568	0.626	0.255
C	200	46.17	8.78	SrfDwn	58	83	132	90	177	244	249	216	151	126	66	58
C	200	46.17	8.78	TocDwn	134	198	288	382	451	482	466	408	322	228	151	116
C	200	46.17	8.78	CosZAvg	0.095	0.141	0.209	0.282	0.338	0.364	0.353	0.306	0.239	0.166	0.108	0.082
C	200	46.17	8.78	TransMax	0.657	0.676	0.698	0.720	0.620	0.668	0.735	0.733	0.725	0.691	0.710	0.676
C	200	46.17	8.78	TransMin	0.027	0.070	0.056	0.016	0.044	0.135	0.080	0.058	0.055	0.104	0.031	0.147
C	200	46.17	8.78	TransT5	0.640	0.665	0.696	0.706	0.612	0.662	0.727	0.719	0.705	0.673	0.710	0.654
C	200	46.17	8.78	Transl0	******	******	******	******	******	******	******	******	******	0.664	******	******
C	200	46.17	8.78	Transl5	******	0.667	0.616	******	******	0.617	0.661	0.630	0.672	0.674	0.653	0.641
C	200	46.17	8.78	Transl10	******	0.609	0.616	******	******	0.626	0.670	0.615	0.672	0.656	0.647	0.621
C	42	46.15	-1.15	SrfDwn	46	76	126	182	225	273	293	229	176	104	61	46
C	42	46.15	-1.15	TocDwn	134	198	288	382	451	482	466	408	322	228	151	116
C	42	46.15	-1.15	CosZAvg	0.095	0.141	0.209	0.282	0.338	0.364	0.353	0.306	0.239	0.166	0.108	0.082
C	42	46.15	-1.15	TransMax	0.669	0.685	0.701	0.740	0.712	0.724	0.734	0.705	0.731	0.671	0.654	0.612
C	42	46.15	-1.15	TransMin	0.109	0.071	0.079	0.091	0.163	0.279	0.372	0.113	0.150	0.093	0.102	0.063
C	42	46.15	-1.15	TransT5	0.669	0.685	0.681	0.735	0.704	0.708	0.712	0.693	0.713	0.655	0.649	0.607
C	42	46.15	-1.15	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	42	46.15	-1.15	Transl5	******	******	******	******	******	0.723	******	******	0.716	0.641	******	0.591
C	42	46.15	-1.15	Transl10	******	******	0.633	******	******	0.708	0.685	******	0.698	0.640	0.610	0.598
C	201	46.07	14.52	SrfDwn	42	53	107	140	217	223	237	215	159	101	******	38
C	201	46.07	14.52	TocDwn	135	198	289	382	452	482	466	408	323	229	******	117
C	201	46.07	14.52	CosZAvg	0.095	0.142	0.209	0.282	0.338	0.364	0.353	0.306	0.239	0.167	******	0.083
C	201	46.07	14.52	TransMax	0.571	0.536	0.762	0.741	0.725	0.699	0.707	0.655	0.705	0.602	******	0.591
C	201	46.07	14.52	TransMin	0.012	0.028	0.067	0.054	0.087	0.181	0.082	0.115	0.051	0.062	******	0.067
C	201	46.07	14.52	TransT5	0.558	0.536	0.753	0.730	0.715	0.684	0.688	0.641	0.682	0.590	******	0.576
C	201	46.07	14.52	Transl0	******	******	******	******	******	******	******	******	******	0.585	******	******
C	201	46.07	14.52	Transl5	0.505	******	******	******	0.721	******	0.671	******	0.653	0.550	******	******
C	201	46.07	14.52	Transl10	0.419	0.535	******	******	0.715	0.699	0.622	0.630	0.633	0.552	******	******
C	127	45.98	13.03	SrfDwn	44	79	125	127	212	212	240	211	146	106	52	39
C	127	45.98	13.03	TocDwn	135	199	289	382	452	482	466	408	323	229	153	117
C	127	45.98	13.03	CosZAvg	0.096	0.142	0.210	0.282	0.339	0.364	0.353	0.307	0.239	0.167	0.109	0.083
C	127	45.98	13.03	TransMax	0.544	0.691	0.669	0.497	0.637	0.611	0.658	0.674	0.720	0.603	0.544	0.476
C	127	45.98	13.03	TransMin	0.030	0.130	0.072	0.124	0.199	0.105	0.307	0.212	0.198	0.034	0.050	0.067
C	127	45.98	13.03	TransT5	0.542	0.679	0.657	0.493	0.629	0.604	0.646	0.674	0.720	0.585	0.536	0.476
C	127	45.98	13.03	Transl0	******	******	******	******	******	0.469	******	******	******	******	0.452	0.354
C	127	45.98	13.03	Transl5	0.449	******	******	******	******	0.425	******	0.606	0.481	0.519	0.444	0.369
C	127	45.98	13.03	Transl10	0.445	0.606	******	******	0.576	0.425	0.615	0.608	0.513	0.526	0.432	0.371
C	128	45.93	7.70	SrfDwn	78	144	219	242	319	382	325	289	232	173	115	80
C	128	45.93	7.70	TocDwn	136	199	290	383	452	482	466	408	323	230	153	118
C	128	45.93	7.70	CosZAvg	0.096	0.142	0.210	0.283	0.339	0.364	0.353	0.307	0.239	0.167	0.110	0.083
C	128	45.93	7.70	TransMax	0.994	0.956	0.942	0.922	0.901	0.900	0.898	0.931	0.941	0.986	0.967	0.934
C	128	45.93	7.70	TransMin	0.266	0.411	0.383	0.305	0.497	0.396	0.236	0.377	0.328	0.383	0.256	0.293
C	128	45.93	7.70	TransT5	0.994	0.931	0.915	0.892	0.869	0.876	0.875	0.901	0.911	0.972	0.938	0.924
C	128	45.93	7.70	Transl0	******	******	******	******	******	******	******	******	******	0.793	******	******
C	128	45.93	7.70	Transl5	******	******	0.878	******	******	0.860	0.843	0.786	0.886	0.774	0.872	0.820
C	128	45.93	7.70	Transl10	******	0.840	0.878	******	******	0.849	0.834	0.677	0.886	0.769	0.873	0.868

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	19	45.92	15.97	SrfDwn	46	31	63	130	220	183	198	194	176	121	71	46
C	19	45.92	15.97	ToaDwn	136	199	290	383	452	482	466	408	323	230	153	118
C	19	45.92	15.97	CosZAvg	0.096	0.142	0.210	0.283	0.339	0.364	0.353	0.307	0.240	0.167	0.110	0.083
C	19	45.92	15.97	TransMax	0.603	0.458	0.556	0.620	0.754	0.684	0.722	0.689	0.771	0.807	0.710	0.815
C	19	45.92	15.97	TransMin	0.021	0.026	0.014	0.080	0.135	0.104	0.085	0.091	0.097	0.040	0.047	0.039
C	19	45.92	15.97	TransT5	0.592	0.458	0.545	0.607	0.738	0.678	0.722	0.674	0.751	0.797	0.693	0.815
C	19	45.92	15.97	Transl0	******	******	******	******	******	******	******	******	******	0.736	******	******
C	19	45.92	15.97	Transl5	0.578	******	******	******	0.738	******	0.387	******	0.731	0.749	******	******
C	19	45.92	15.97	Transl10	0.442	0.212	******	******	0.698	0.672	0.497	0.400	0.726	0.702	******	******
C	43	45.67	1.18	SrfDwn	37	77	119	143	203	248	267	217	175	108	63	43
C	43	45.67	1.18	ToaDwn	136	200	290	383	452	482	466	408	324	230	153	118
C	43	45.67	1.18	CosZAvg	0.096	0.143	0.210	0.283	0.339	0.365	0.353	0.307	0.240	0.168	0.110	0.084
C	43	45.67	1.18	TransMax	0.727	0.704	0.765	0.740	0.716	0.712	0.728	0.723	0.736	0.686	0.684	0.658
C	43	45.67	1.18	TransMin	0.067	0.069	0.077	0.059	0.132	0.114	0.236	0.223	0.085	0.065	0.078	0.047
C	43	45.67	1.18	TransT5	0.727	0.693	0.741	0.740	0.716	0.710	0.709	0.710	0.721	0.680	0.655	0.644
C	43	45.67	1.18	Transl0	******	0.691	******	******	******	******	******	******	0.707	******	******	0.640
C	43	45.67	1.18	Transl5	0.538	0.691	0.720	******	0.716	0.555	0.678	0.714	0.705	0.650	0.589	0.640
C	43	45.67	1.18	Transl10	0.538	0.697	0.705	0.740	0.716	0.627	0.686	0.706	0.710	0.635	0.589	0.640
C	20	45.82	16.03	SrfDwn	45	61	94	142	213	182	228	******	156	******	48	28
C	20	45.82	16.03	ToaDwn	136	200	290	383	452	482	466	******	324	******	154	118
C	20	45.82	16.03	CosZAvg	0.097	0.143	0.211	0.283	0.339	0.365	0.353	******	0.240	******	0.110	0.084
C	20	45.82	16.03	TransMax	0.671	0.630	0.676	0.686	0.731	0.635	0.636	******	0.678	******	0.506	0.513
C	20	45.82	16.03	TransMin	0.041	0.091	0.052	0.099	0.162	0.089	0.116	******	0.095	******	0.084	0.043
C	20	45.82	16.03	TransT5	0.671	0.630	0.666	0.670	0.731	0.635	0.620	******	0.657	******	0.495	0.513
C	20	45.82	16.03	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	20	45.82	16.03	Transl5	0.428	******	******	******	0.659	******	0.636	******	0.641	******	******	******
C	20	45.82	16.03	Transl10	0.324	0.545	******	******	0.643	0.584	0.613	******	0.627	******	******	******
C	44	45.78	3.17	SrfDwn	51	67	145	131	193	255	285	208	168	103	68	50
C	44	45.78	3.17	ToaDwn	137	200	290	383	452	482	466	409	324	231	154	119
C	44	45.78	3.17	CosZAvg	0.097	0.143	0.211	0.283	0.339	0.365	0.353	0.307	0.240	0.168	0.110	0.084
C	44	45.78	3.17	TransMax	0.671	0.649	0.788	0.643	0.793	0.667	0.732	0.721	0.733	0.639	0.638	0.648
C	44	45.78	3.17	TransMin	0.122	0.080	0.139	0.085	0.071	0.187	0.230	0.117	0.111	0.114	0.087	0.157
C	44	45.78	3.17	TransT5	0.666	0.640	0.787	0.643	0.793	0.667	0.719	0.706	0.732	0.627	0.628	0.634
C	44	45.78	3.17	Transl0	******	0.456	******	******	******	******	******	******	0.687	******	******	0.627
C	44	45.78	3.17	Transl5	0.462	0.456	0.703	******	0.667	0.736	0.656	0.710	0.637	0.632	0.478	0.627
C	44	45.78	3.17	Transl10	0.462	0.373	0.686	0.294	0.667	0.633	0.667	0.686	0.656	0.572	0.478	0.627
C	174	45.77	21.25	SrfDwn	51	71	119	195	251	249	224	246	193	120	75	33
C	174	45.77	21.25	ToaDwn	137	200	290	383	452	482	466	409	324	231	154	119
C	174	45.77	21.25	CosZAvg	0.097	0.143	0.211	0.283	0.339	0.365	0.353	0.307	0.240	0.168	0.111	0.084
C	174	45.77	21.25	TransMax	0.642	0.698	0.663	0.705	0.741	0.713	0.686	0.732	0.718	0.706	0.731	0.653
C	174	45.77	21.25	TransMin	0.126	0.064	0.125	0.119	0.257	0.178	0.136	0.157	0.167	0.146	0.109	0.081
C	174	45.77	21.25	TransT5	0.642	0.698	0.663	0.686	0.733	0.701	0.672	0.715	0.702	0.695	0.728	0.653
C	174	45.77	21.25	Transl0	0.589	******	******	******	******	******	******	******	0.663	0.626	******	******
C	174	45.77	21.25	Transl5	0.589	0.569	******	******	0.693	******	******	0.667	0.662	0.636	******	******
C	174	45.77	21.25	Transl10	0.589	0.569	******	******	0.686	******	0.609	0.686	0.666	0.614	******	******
C	129	45.65	13.75	SrfDwn	50	76	122	146	243	250	286	239	193	134	59	45
C	129	45.65	13.75	ToaDwn	136	201	291	384	452	482	466	409	325	232	155	120
C	129	45.65	13.75	CosZAvg	0.098	0.144	0.211	0.283	0.339	0.365	0.353	0.307	0.241	0.169	0.111	0.085
C	129	45.65	13.75	TransMax	0.729	0.716	0.698	0.686	0.740	0.677	0.732	0.716	0.727	0.731	0.631	0.753
C	129	45.65	13.75	TransMin	0.026	0.067	0.064	0.085	0.312	0.129	0.311	0.152	0.268	0.080	0.041	0.017
C	129	45.65	13.75	TransT5	0.729	0.707	0.663	0.686	0.740	0.654	0.710	0.707	0.711	0.720	0.617	0.753
C	129	45.65	13.75	Transl0	******	******	******	******	******	0.634	******	******	******	******	0.566	0.511
C	129	45.65	13.75	Transl5	0.528	******	******	******	******	0.640	******	0.682	0.668	0.650	0.584	0.546
C	129	45.65	13.75	Transl10	0.556	0.638	******	******	0.644	0.640	0.686	0.682	0.676	0.649	0.577	0.524
C	130	45.50	12.33	SrfDwn	46	63	******	141	223	234	230	195	160	91	52	39
C	130	45.50	12.33	ToaDwn	139	202	******	384	452	482	466	409	325	233	156	121
C	130	45.50	12.33	CosZAvg	0.098	0.144	******	0.284	0.339	0.365	0.353	0.308	0.241	0.169	0.112	0.086
C	130	45.50	12.33	TransMax	0.596	0.535	******	0.570	0.618	0.586	0.600	0.572	0.902	0.559	0.581	0.487
C	130	45.50	12.33	TransMin	0.103	0.053	******	0.095	0.244	0.143	0.198	0.195	0.163	0.048	0.030	0.059
C	130	45.50	12.33	TransT5	0.596	0.526	******	0.562	0.618	0.569	0.585	0.557	0.902	0.559	0.581	0.487
C	130	45.50	12.33	Transl0	******	******	******	******	******	0.544	******	******	******	******	0.474	0.346
C	130	45.50	12.33	Transl5	0.389	******	******	******	******	0.549	******	0.544	0.524	0.473	0.450	0.393
C	130	45.50	12.33	Transl10	0.441	0.496	******	******	0.549	0.549	0.568	0.544	0.521	0.476	0.482	0.390
C	175	45.50	28.02	SrfDwn	58	86	135	285	288	308	272	335	196	119	86	73
C	175	45.50	28.02	ToaDwn	139	202	292	384	452	482	466	410	326	233	156	121
C	175	45.50	28.02	CosZAvg	0.098	0.144	0.212	0.284	0.339	0.365	0.353	0.308	0.241	0.169	0.112	0.086
C	175	45.50	28.02	TransMax	0.741	0.836	0.790	0.875	0.762	0.782	0.758	0.978	0.776	0.770	0.933	0.892
C	175	45.50	28.02	TransMin	0.061	0.089	0.090	0.364	0.341	0.287	0.242	0.586	0.119	0.140	0.145	0.219
C	175	45.50	28.02	TransT5	0.724	0.836	0.783	0.850	0.750	0.768	0.735	0.980	0.759	0.751	0.933	0.872
C	175	45.50	28.02	Transl0	******	******	******	******	******	******	******	0.845	******	******	******	******
C	175	45.50	28.02	Transl5	0.254	******	******	******	******	******	******	0.902	0.699	0.629	******	******
C	175	45.50	28.02	Transl10	0.254	0.733	******	******	******	******	******	0.881	0.714	0.699	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	131	45.43	9.28	SrfDwn	45	69	123	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	TotDwn	139	203	292	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	CosZAvg	0.099	0.145	0.212	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	TransMax	0.669	0.580	0.925	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	TransMin	0.039	0.080	0.111	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	TransT5	0.664	0.573	0.925	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	Transl5	******	0.580	0.426	******	******	******	******	******	******	******	******	******
C	131	45.43	9.28	Transl10	******	0.530	0.426	******	******	******	******	******	******	******	******	******
C	45	44.83	-0.70	SrfDwn	49	80	120	152	235	244	269	210	173	109	66	50
C	45	44.83	-0.70	TotDwn	143	207	296	387	453	482	467	411	329	237	161	125
C	45	44.83	-0.70	CosZAvg	0.102	0.148	0.215	0.286	0.340	0.365	0.353	0.309	0.243	0.172	0.115	0.089
C	45	44.83	-0.70	TransMax	0.627	0.676	0.728	0.722	0.703	0.726	0.707	0.696	0.718	0.664	0.649	0.629
C	45	44.83	-0.70	TransMin	0.116	0.074	0.089	0.076	0.164	0.148	0.350	0.315	0.077	0.144	0.090	0.074
C	45	44.83	-0.70	TransT5	0.615	0.676	0.711	0.722	0.688	0.704	0.692	0.687	0.708	0.653	0.648	0.619
C	45	44.83	-0.70	Transl0	******	******	******	******	******	******	0.687	******	******	******	******	0.594
C	45	44.83	-0.70	Transl5	******	******	0.672	******	******	0.726	0.686	0.686	0.700	******	0.648	0.606
C	45	44.83	-0.70	Transl10	******	0.620	0.672	******	******	0.714	0.689	0.686	0.677	******	0.627	0.582
C	202	44.78	17.22	SrfDwn	64	60	111	197	253	209	231	232	166	107	60	46
C	202	44.78	17.22	TotDwn	144	207	296	387	453	482	467	411	329	237	161	126
C	202	44.78	17.22	CosZAvg	0.102	0.148	0.215	0.286	0.340	0.365	0.354	0.309	0.244	0.173	0.115	0.089
C	202	44.78	17.22	TransMax	0.695	0.640	0.747	0.736	0.747	0.728	0.745	0.738	0.718	0.690	0.680	0.751
C	202	44.78	17.22	TransMin	0.103	0.063	0.074	0.087	0.104	0.102	0.087	0.160	0.123	0.044	0.075	0.074
C	202	44.78	17.22	TransT5	0.686	0.640	0.729	0.726	0.725	0.728	0.732	0.723	0.698	0.683	0.666	0.751
C	202	44.78	17.22	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	202	44.78	17.22	Transl5	0.465	******	******	******	******	******	******	******	******	******	******	0.537
C	202	44.78	17.22	Transl10	0.576	******	******	******	0.718	******	0.728	0.636	******	0.690	******	0.537
C	203	44.78	20.53	SrfDwn	62	69	139	196	241	242	223	247	197	127	61	44
C	203	44.78	20.53	TotDwn	144	207	296	387	453	482	467	411	329	237	161	126
C	203	44.78	20.53	CosZAvg	0.102	0.148	0.215	0.286	0.340	0.365	0.354	0.309	0.244	0.173	0.115	0.089
C	203	44.78	20.53	TransMax	0.751	0.679	0.814	0.744	0.726	0.687	0.717	0.719	0.714	0.711	0.617	0.704
C	203	44.78	20.53	TransMin	0.100	0.061	0.149	0.082	0.130	0.104	0.093	0.194	0.157	0.092	0.037	0.082
C	203	44.78	20.53	TransT5	0.733	0.668	0.814	0.732	0.711	0.671	0.697	0.703	0.699	0.700	0.603	0.704
C	203	44.78	20.53	Transl0	******	******	******	******	******	******	******	0.675	0.678	******	******	******
C	203	44.78	20.53	Transl5	******	******	******	******	0.702	******	0.696	0.689	0.677	0.640	******	******
C	203	44.78	20.53	Transl10	0.751	******	******	******	0.710	******	0.680	0.690	0.689	0.639	******	******
C	46	44.57	6.50	SrfDwn	76	115	174	163	253	292	292	258	194	133	86	71
C	46	44.57	6.50	TotDwn	145	209	297	388	454	482	467	412	330	239	163	127
C	46	44.57	6.50	CosZAvg	0.103	0.149	0.216	0.286	0.340	0.365	0.354	0.309	0.244	0.174	0.116	0.090
C	46	44.57	6.50	TransMax	0.720	0.830	0.767	0.770	0.758	0.744	0.733	0.746	0.731	0.708	0.675	0.678
C	46	44.57	6.50	TransMin	0.071	0.164	0.091	0.120	0.189	0.248	0.174	0.369	0.077	0.108	0.109	0.179
C	46	44.57	6.50	TransT5	0.707	0.830	0.748	0.767	0.735	0.732	0.719	0.727	0.709	0.691	0.658	0.668
C	46	44.57	6.50	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	46	44.57	6.50	Transl5	******	0.716	******	******	******	******	******	******	******	0.674	0.658	0.652
C	46	44.57	6.50	Transl10	0.665	0.727	0.722	******	0.728	0.626	0.704	0.695	0.706	0.685	0.663	0.659
C	132	44.53	11.30	SrfDwn	46	50	113	133	227	228	213	209	156	100	44	41
C	132	44.53	11.30	TotDwn	146	209	297	388	454	482	467	412	330	239	163	127
C	132	44.53	11.30	CosZAvg	0.103	0.149	0.216	0.286	0.340	0.365	0.354	0.310	0.245	0.174	0.117	0.090
C	132	44.53	11.30	TransMax	0.545	0.499	0.616	0.650	0.613	0.614	0.599	0.614	0.600	0.519	0.533	0.472
C	132	44.53	11.30	TransMin	0.044	0.039	0.068	0.104	0.348	0.130	0.076	0.188	0.122	0.092	0.082	0.027
C	132	44.53	11.30	TransT5	0.533	0.487	0.599	0.650	0.595	0.603	0.591	0.596	0.583	0.509	0.528	0.472
C	132	44.53	11.30	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	132	44.53	11.30	Transl5	******	******	******	******	******	******	******	******	******	******	0.430	******
C	132	44.53	11.30	Transl10	0.504	******	0.354	******	******	******	0.597	0.537	0.545	0.493	0.430	0.433
C	176	44.50	26.13	SrfDwn	53	66	118	227	264	241	260	247	184	111	56	60
C	176	44.50	26.13	TotDwn	146	209	297	388	454	482	467	412	330	239	163	128
C	176	44.50	26.13	CosZAvg	0.103	0.149	0.216	0.286	0.340	0.365	0.354	0.310	0.245	0.174	0.117	0.091
C	176	44.50	26.13	TransMax	0.733	0.766	0.668	0.733	0.723	0.713	0.707	0.721	0.715	0.743	0.645	0.805
C	176	44.50	26.13	TransMin	0.099	0.052	0.105	0.183	0.204	0.139	0.231	0.446	0.057	0.113	0.083	0.080
C	176	44.50	26.13	TransT5	0.722	0.761	0.657	0.716	0.706	0.711	0.691	0.704	0.703	0.732	0.636	0.799
C	176	44.50	26.13	Transl0	******	******	******	0.701	******	******	******	0.670	******	0.601	******	0.633
C	176	44.50	26.13	Transl5	0.712	******	0.668	0.717	0.703	******	******	0.672	0.647	0.641	******	0.617
C	176	44.50	26.13	Transl10	0.712	0.421	0.668	0.710	0.680	******	0.678	0.635	0.643	0.659	******	0.599
C	47	44.43	-1.25	SrfDwn	46	81	128	161	254	260	281	233	175	115	74	53
C	47	44.43	-1.25	TotDwn	146	209	298	388	454	482	467	412	331	239	164	128
C	47	44.43	-1.25	CosZAvg	0.104	0.150	0.216	0.287	0.340	0.365	0.354	0.310	0.245	0.174	0.117	0.091
C	47	44.43	-1.25	TransMax	0.586	0.664	0.710	0.722	0.740	0.743	0.717	0.728	0.735	0.667	0.677	0.657
C	47	44.43	-1.25	TransMin	0.079	0.039	0.075	0.041	0.147	0.178	0.253	0.208	0.085	0.171	0.100	0.061
C	47	44.43	-1.25	TransT5	0.586	0.649	0.710	0.706	0.728	0.729	0.701	0.710	0.722	0.645	0.661	0.643
C	47	44.43	-1.25	Transl0	******	******	******	******	******	******	0.701	******	******	******	******	0.629
C	47	44.43	-1.25	Transl5	******	******	0.666	******	******	0.733	0.706	0.705	0.720	******	0.674	0.645
C	47	44.43	-1.25	Transl10	******	0.635	0.666	******	******	0.738	0.706	0.705	0.695	******	0.660	0.645

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	133	44.42	8.85	SrfDwn	53	80	156	120	233	240	254	233	153	120	60	51
C	133	44.42	8.85	TosDwn	146	210	298	386	454	482	467	412	331	239	164	128
C	133	44.42	8.85	CosZAvg	0.104	0.150	0.216	0.287	0.340	0.365	0.354	0.310	0.245	0.174	0.117	0.091
C	133	44.42	8.85	TransMax	0.598	0.626	0.687	0.737	0.636	0.688	0.671	0.776	0.660	0.643	0.621	0.566
C	133	44.42	8.85	TransMin	0.040	0.086	0.070	0.092	0.089	0.251	0.170	0.266	0.097	0.025	0.080	0.085
C	133	44.42	8.85	TransT5	0.583	0.614	0.674	0.737	0.623	0.678	0.650	0.776	0.645	0.643	0.608	0.562
C	133	44.42	8.85	Transl0	0.564	******	******	******	******	******	******	******	******	******	******	******
C	133	44.42	8.85	Transl5	0.564	******	0.618	******	******	******	******	******	******	0.567	0.549	******
C	133	44.42	8.85	Transl10	0.534	0.615	0.618	******	0.633	0.526	0.644	******	0.382	0.569	0.561	0.464
C	204	44.23	22.55	SrfDwn	47	42	******	184	218	******	******	214	159	91	42	50
C	204	44.23	22.55	TosDwn	148	211	******	389	454	******	******	413	332	241	165	130
C	204	44.23	22.55	CosZAvg	0.105	0.151	******	0.287	0.340	******	******	0.310	0.246	0.175	0.118	0.092
C	204	44.23	22.55	TransMax	0.597	0.498	******	0.621	0.619	******	******	0.601	0.602	0.563	0.526	0.542
C	204	44.23	22.55	TransMin	0.063	0.016	******	0.207	0.199	******	******	0.345	0.059	0.045	0.056	0.078
C	204	44.23	22.55	TransT5	0.589	0.490	******	0.615	0.607	******	******	0.594	0.593	0.547	0.514	0.536
C	204	44.23	22.55	Transl0	0.597	******	******	******	******	******	******	0.560	0.557	0.465	******	******
C	204	44.23	22.55	Transl5	0.597	******	******	0.611	******	******	******	0.559	0.555	0.515	******	0.542
C	204	44.23	22.55	Transl10	0.592	******	******	0.595	0.619	******	******	0.546	0.555	0.527	******	0.542
C	177	44.22	28.63	SrfDwn	54	70	124	219	303	289	275	292	203	113	72	53
C	177	44.22	28.63	TosDwn	148	211	299	389	454	482	467	413	332	241	165	130
C	177	44.22	28.63	CosZAvg	0.105	0.151	0.217	0.287	0.340	0.365	0.354	0.310	0.246	0.175	0.118	0.092
C	177	44.22	28.63	TransMax	0.671	0.797	0.873	0.770	0.786	0.759	0.751	0.795	0.752	0.750	0.681	0.680
C	177	44.22	28.63	TransMin	0.091	0.079	0.090	0.227	0.314	0.347	0.347	0.526	0.059	0.104	0.111	0.107
C	177	44.22	28.63	TransT5	0.669	0.797	0.873	0.768	0.767	0.742	0.728	0.778	0.740	0.750	0.666	0.678
C	177	44.22	28.63	Transl0	0.671	******	******	******	******	******	******	******	******	******	******	******
C	177	44.22	28.63	Transl5	0.671	******	******	******	******	******	******	******	******	******	******	******
C	177	44.22	28.63	Transl10	0.671	******	******	******	******	0.730	******	0.737	******	0.592	******	0.615
C	134	44.20	10.70	SrfDwn	93	120	192	143	168	111	137	158	140	148	86	77
C	134	44.20	10.70	TosDwn	148	211	299	389	454	482	467	413	332	241	165	130
C	134	44.20	10.70	CosZAvg	0.105	0.151	0.217	0.287	0.340	0.365	0.354	0.310	0.246	0.175	0.118	0.092
C	134	44.20	10.70	TransMax	0.904	0.782	0.770	0.691	0.592	0.445	0.396	0.673	0.719	0.772	0.718	0.749
C	134	44.20	10.70	TransMin	0.034	0.286	0.311	0.054	0.177	0.109	0.207	0.079	0.218	0.086	0.082	0.049
C	134	44.20	10.70	TransT5	0.904	0.782	0.755	0.691	0.585	0.445	0.396	0.673	0.719	0.762	0.700	0.733
C	134	44.20	10.70	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	134	44.20	10.70	Transl5	******	******	******	******	******	******	******	******	******	******	0.696	******
C	134	44.20	10.70	Transl10	******	******	0.715	******	******	******	******	******	******	0.696	0.696	0.692
C	48	44.18	-0.28	SrfDwn	******	******	******	132	215	205	264	232	******	******	******	******
C	48	44.18	-0.28	TosDwn	******	******	******	389	454	482	467	413	******	******	******	******
C	48	44.18	-0.28	CosZAvg	******	******	******	0.287	0.341	0.365	0.354	0.310	******	******	******	******
C	48	44.18	-0.28	TransMax	******	******	******	0.631	0.678	0.719	0.723	0.716	******	******	******	******
C	48	44.18	-0.28	TransMin	******	******	******	0.072	0.160	0.133	0.239	0.302	******	******	******	******
C	48	44.18	-0.28	TransT5	******	******	******	0.617	0.677	0.713	0.712	0.706	******	******	******	******
C	48	44.18	-0.28	Transl0	******	******	******	******	******	******	0.706	******	******	******	******	******
C	48	44.18	-0.28	Transl5	******	******	******	******	******	******	0.713	0.695	******	******	******	******
C	48	44.18	-0.28	Transl10	******	******	******	******	******	0.719	0.713	0.695	******	******	******	******
C	49	44.18	0.60	SrfDwn	48	72	126	147	217	230	275	220	174	110	65	49
C	49	44.18	0.60	TosDwn	148	211	299	389	454	482	467	413	332	241	165	130
C	49	44.18	0.60	CosZAvg	0.105	0.151	0.217	0.287	0.341	0.365	0.354	0.310	0.246	0.175	0.118	0.092
C	49	44.18	0.60	TransMax	0.634	0.730	0.768	0.684	0.668	0.707	0.720	0.711	0.735	0.627	0.635	0.586
C	49	44.18	0.60	TransMin	0.108	0.050	0.105	0.070	0.166	0.119	0.208	0.201	0.094	0.191	0.123	0.145
C	49	44.18	0.60	TransT5	0.634	0.730	0.749	0.684	0.654	0.696	0.705	0.698	0.721	0.612	0.632	0.585
C	49	44.18	0.60	Transl0	******	0.647	******	******	******	******	******	******	******	******	******	0.585
C	49	44.18	0.60	Transl5	******	0.610	0.683	******	0.658	******	0.714	0.698	0.715	******	0.582	0.535
C	49	44.18	0.60	Transl10	******	0.660	0.643	******	0.658	******	0.712	0.667	0.677	0.581	0.591	0.539
C	50	44.12	3.02	SrfDwn	53	75	130	137	236	282	295	240	172	105	68	53
C	50	44.12	3.02	TosDwn	149	212	300	389	454	482	467	413	332	241	166	130
C	50	44.12	3.02	CosZAvg	0.105	0.151	0.218	0.287	0.341	0.365	0.354	0.310	0.246	0.176	0.119	0.092
C	50	44.12	3.02	TransMax	0.730	0.735	0.757	0.738	0.731	0.730	0.742	0.753	0.752	0.713	0.708	0.698
C	50	44.12	3.02	TransMin	0.057	0.035	0.106	0.056	0.044	0.129	0.275	0.237	0.086	0.031	0.040	0.070
C	50	44.12	3.02	TransT5	0.730	0.725	0.743	0.731	0.718	0.717	0.726	0.733	0.733	0.699	0.691	0.681
C	50	44.12	3.02	Transl0	******	0.709	******	******	******	******	******	******	******	******	******	0.682
C	50	44.12	3.02	Transl5	******	0.678	0.718	******	0.731	******	0.729	0.728	0.730	******	0.677	0.463
C	50	44.12	3.02	Transl10	******	0.707	0.727	******	0.731	******	0.733	0.709	0.727	0.713	0.674	0.505
C	51	44.08	5.05	SrfDwn	68	90	155	173	246	295	297	257	192	116	81	63
C	51	44.08	5.05	TosDwn	149	212	300	389	454	482	467	413	332	242	166	131
C	51	44.08	5.05	CosZAvg	0.105	0.151	0.218	0.287	0.341	0.365	0.354	0.310	0.246	0.176	0.119	0.093
C	51	44.08	5.05	TransMax	0.662	0.666	0.716	0.730	0.729	0.728	0.762	0.719	0.725	0.678	0.658	0.666
C	51	44.08	5.05	TransMin	0.056	0.047	0.080	0.086	0.144	0.343	0.349	0.185	0.082	0.103	0.120	0.056
C	51	44.08	5.05	TransT5	0.653	0.645	0.703	0.719	0.711	0.712	0.746	0.702	0.716	0.668	0.646	0.658
C	51	44.08	5.05	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	51	44.08	5.05	Transl5	******	0.604	******	******	******	******	******	******	******	0.664	0.624	0.553
C	51	44.08	5.05	Transl10	0.640	0.615	0.632	******	0.711	0.639	0.694	0.697	0.697	0.653	0.631	0.531

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	135	43.95	8.17	SrfDwn	65	83	175	161	288	261	289	284	197	132	75	61
C	135	43.95	8.17	TotaDwn	150	213	301	390	455	482	468	414	333	242	167	132
C	135	43.95	8.17	CosZAvg	0.108	0.152	0.218	0.288	0.341	0.365	0.354	0.311	0.247	0.176	0.120	0.093
C	135	43.95	8.17	TransMax	0.637	0.749	0.755	0.790	0.777	0.788	0.754	0.784	0.750	0.656	0.665	0.662
C	135	43.95	8.17	TransMin	0.057	0.102	0.205	0.085	0.094	0.260	0.402	0.413	0.206	0.160	0.089	0.157
C	135	43.95	8.17	TransT5	0.630	0.749	0.741	0.781	0.769	0.754	0.741	0.767	0.731	0.643	0.657	0.662
C	135	43.95	8.17	Transl0	0.637	******	******	******	******	******	******	******	******	******	******	******
C	135	43.95	8.17	Transl5	0.637	******	0.671	******	******	******	******	******	******	0.606	0.572	******
C	135	43.95	8.17	Transl10	0.575	0.749	0.671	******	0.761	0.614	0.708	******	0.713	0.632	0.576	0.523
C	136	43.68	10.38	SrfDwn	53	85	145	173	260	262	291	259	200	137	69	42
C	136	43.68	10.38	TotaDwn	152	214	302	391	455	482	468	414	334	244	169	133
C	136	43.68	10.38	CosZAvg	0.107	0.153	0.219	0.288	0.341	0.365	0.354	0.311	0.247	0.178	0.121	0.095
C	136	43.68	10.38	TransMax	0.580	0.647	0.733	0.726	0.776	0.731	0.718	0.815	0.745	0.948	0.717	0.516
C	136	43.68	10.38	TransMin	0.055	0.067	0.058	0.118	0.207	0.166	0.423	0.181	0.329	0.165	0.089	0.057
C	136	43.68	10.38	TransT5	0.572	0.632	0.722	0.726	0.778	0.717	0.703	0.815	0.738	0.947	0.717	0.516
C	136	43.68	10.38	Transl0	0.548	******	******	******	******	******	******	******	******	******	******	******
C	136	43.68	10.38	Transl5	0.548	******	0.597	******	******	******	******	******	******	0.543	0.492	******
C	136	43.68	10.38	Transl10	0.471	0.598	0.597	******	0.681	******	0.692	******	0.626	0.544	0.511	0.430
C	52	43.65	7.20	SrfDwn	74	81	147	154	251	252	289	249	182	127	86	69
C	52	43.65	7.20	TotaDwn	152	215	302	391	455	482	468	414	334	244	169	134
C	52	43.65	7.20	CosZAvg	0.108	0.154	0.219	0.289	0.341	0.365	0.354	0.311	0.248	0.178	0.121	0.095
C	52	43.65	7.20	TransMax	0.701	0.674	0.716	0.690	0.698	0.675	0.696	0.738	0.677	0.681	0.669	0.681
C	52	43.65	7.20	TransMin	0.035	0.109	0.033	0.076	0.107	0.241	0.377	0.345	0.122	0.138	0.044	0.068
C	52	43.65	7.20	TransT5	0.681	0.659	0.703	0.671	0.685	0.657	0.674	0.732	0.663	0.673	0.659	0.645
C	52	43.65	7.20	Transl0	0.672	******	******	******	******	******	******	******	******	******	******	******
C	52	43.65	7.20	Transl5	0.672	******	0.611	******	******	******	******	******	******	0.617	0.628	******
C	52	43.65	7.20	Transl10	0.638	0.609	0.611	******	0.673	0.528	0.659	******	0.660	0.633	0.633	0.610
C	137	43.62	13.37	SrfDwn	56	51	120	186	270	260	246	250	174	******	******	52
C	137	43.62	13.37	TotaDwn	152	215	302	391	455	482	468	414	335	******	******	134
C	137	43.62	13.37	CosZAvg	0.108	0.154	0.219	0.289	0.341	0.365	0.354	0.311	0.248	******	******	0.095
C	137	43.62	13.37	TransMax	0.655	0.528	0.714	0.676	0.700	0.688	0.693	0.709	0.698	******	******	0.578
C	137	43.62	13.37	TransMin	0.043	0.065	0.034	0.131	0.460	0.163	0.105	0.346	0.121	******	******	0.099
C	137	43.62	13.37	TransT5	0.655	0.527	0.708	0.659	0.685	0.687	0.679	0.700	0.677	******	******	0.565
C	137	43.62	13.37	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	137	43.62	13.37	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	137	43.62	13.37	Transl10	0.544	******	0.612	******	******	******	0.681	0.623	0.603	******	******	0.539
C	53	43.58	3.97	SrfDwn	75	86	161	186	251	284	291	251	189	112	85	66
C	53	43.58	3.97	TotaDwn	152	215	303	391	455	482	468	414	335	245	169	134
C	53	43.58	3.97	CosZAvg	0.108	0.154	0.220	0.289	0.341	0.365	0.354	0.311	0.248	0.178	0.121	0.095
C	53	43.58	3.97	TransMax	0.667	0.709	0.719	0.730	0.736	0.726	0.721	0.720	0.735	0.696	0.670	0.657
C	53	43.58	3.97	TransMin	0.169	0.023	0.048	0.077	0.087	0.209	0.329	0.238	0.257	0.028	0.093	0.081
C	53	43.58	3.97	TransT5	0.649	0.695	0.705	0.723	0.720	0.704	0.706	0.707	0.725	0.675	0.654	0.647
C	53	43.58	3.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	53	43.58	3.97	Transl5	******	0.607	******	******	******	******	******	******	******	0.667	0.635	0.623
C	53	43.58	3.97	Transl10	0.613	0.648	0.666	******	0.716	0.674	0.697	0.687	0.708	0.661	0.635	0.607
C	181	43.47	-3.82	SrfDwn	47	44	127	148	224	218	221	203	140	96	75	51
C	181	43.47	-3.82	TotaDwn	153	216	303	391	455	482	468	415	335	245	170	135
C	181	43.47	-3.82	CosZAvg	0.109	0.154	0.220	0.289	0.341	0.365	0.354	0.312	0.248	0.179	0.122	0.096
C	181	43.47	-3.82	TransMax	0.540	0.605	0.712	0.722	0.719	0.720	0.707	0.712	0.680	0.673	0.689	0.624
C	181	43.47	-3.82	TransMin	0.068	0.061	0.085	0.053	0.129	0.071	0.094	0.067	0.089	0.069	0.081	0.057
C	181	43.47	-3.82	TransT5	0.540	0.605	0.710	0.722	0.706	0.706	0.695	0.698	0.672	0.657	0.667	0.610
C	181	43.47	-3.82	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	181	43.47	-3.82	Transl5	******	******	******	******	******	******	******	******	******	******	******	0.592
C	181	43.47	-3.82	Transl10	******	******	******	******	******	******	******	0.712	0.652	******	0.659	0.586
C	54	43.45	5.23	SrfDwn	30	98	167	190	275	286	294	285	194	118	86	68
C	54	43.45	5.23	TotaDwn	153	216	303	391	455	482	468	415	335	246	170	135
C	54	43.45	5.23	CosZAvg	0.109	0.154	0.220	0.289	0.341	0.365	0.354	0.312	0.248	0.179	0.122	0.096
C	54	43.45	5.23	TransMax	0.315	0.695	0.731	0.734	0.748	0.738	0.731	0.735	0.723	0.680	0.663	0.661
C	54	43.45	5.23	TransMin	0.083	0.105	0.097	0.113	0.167	0.261	0.406	0.213	0.146	0.073	0.211	0.086
C	54	43.45	5.23	TransT5	0.307	0.679	0.710	0.714	0.734	0.723	0.724	0.718	0.704	0.668	0.650	0.647
C	54	43.45	5.23	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	54	43.45	5.23	Transl5	******	0.636	******	******	******	******	******	******	******	0.662	0.614	0.611
C	54	43.45	5.23	Transl10	0.149	0.628	0.637	******	0.718	0.646	0.686	0.703	0.695	0.647	0.625	0.598
C	13	43.42	24.60	SrfDwn	55	57	95	176	207	181	202	209	159	111	60	55
C	13	43.42	24.60	TotaDwn	153	216	303	391	455	482	468	415	336	246	171	135
C	13	43.42	24.60	CosZAvg	0.109	0.155	0.220	0.289	0.341	0.365	0.354	0.312	0.249	0.179	0.122	0.096
C	13	43.42	24.60	TransMax	0.694	0.582	0.568	0.573	0.588	0.558	0.567	0.591	0.596	0.701	0.769	0.704
C	13	43.42	24.60	TransMin	0.045	0.025	0.043	0.181	0.104	0.046	0.133	0.271	0.049	0.070	0.088	0.030
C	13	43.42	24.60	TransT5	0.694	0.575	0.586	0.564	0.576	0.552	0.576	0.586	0.585	0.701	0.747	0.704
C	13	43.42	24.60	Transl0	******	******	******	0.571	******	******	******	0.518	******	0.577	******	0.553
C	13	43.42	24.60	Transl5	0.694	******	0.513	0.546	0.581	******	******	0.548	0.537	0.597	******	0.544
C	13	43.42	24.60	Transl10	0.694	0.267	0.513	0.536	0.567	******	0.587	0.537	0.527	0.583	******	0.597

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	55	43.38	-0.42	SrfDwn	44	78	134	132	234	210	231	200	163	105	79	58
C	55	43.38	-0.42	TOADwn	154	217	304	392	455	482	468	415	335	246	171	136
C	55	43.38	-0.42	CosZAvg	0.109	0.155	0.220	0.289	0.341	0.365	0.354	0.312	0.248	0.179	0.122	0.096
C	55	43.38	-0.42	TransMax	0.604	0.664	0.693	0.639	0.709	0.695	0.718	0.707	0.708	0.670	0.703	0.662
C	55	43.38	-0.42	TransMin	0.085	0.078	0.083	0.071	0.315	0.102	0.117	0.155	0.100	0.148	0.087	0.085
C	55	43.38	-0.42	TransT5	0.603	0.653	0.673	0.631	0.709	0.678	0.698	0.693	0.700	0.657	0.691	0.653
C	55	43.38	-0.42	Transl0	******	******	******	******	******	******	0.691	******	******	******	******	0.640
C	55	43.38	-0.42	Transl5	******	******	0.682	******	******	******	0.702	0.622	0.705	******	0.703	0.654
C	55	43.38	-0.42	Transl10	******	0.624	0.682	******	******	0.695	0.698	0.622	0.689	******	0.672	0.656
C	182	43.35	-5.87	SrfDwn	61	68	128	132	203	200	201	160	121	110	61	60
C	182	43.35	-5.87	TOADwn	154	217	304	392	455	482	468	415	336	246	171	136
C	182	43.35	-5.87	CosZAvg	0.109	0.155	0.221	0.289	0.341	0.365	0.354	0.312	0.249	0.179	0.123	0.096
C	182	43.35	-5.87	TransMax	0.646	0.640	0.742	0.657	0.705	0.689	0.699	0.680	0.676	0.686	0.683	0.663
C	182	43.35	-5.87	TransMin	0.145	0.091	0.141	0.096	0.113	0.076	0.082	0.073	0.109	0.108	0.099	0.123
C	182	43.35	-5.87	TransT5	0.634	0.625	0.742	0.657	0.689	0.678	0.683	0.682	0.661	0.648	0.650	0.646
C	182	43.35	-5.87	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	182	43.35	-5.87	Transl5	******	******	******	******	******	******	******	******	******	******	******	0.595
C	182	43.35	-5.87	Transl10	******	******	******	******	******	******	******	0.680	0.623	******	0.639	0.603
C	205	43.28	20.80	SrfDwn	******	******	******	210	218	******	******	******	******	127	92	66
C	205	43.28	20.80	TOADwn	******	******	******	392	455	******	******	******	******	247	172	136
C	205	43.28	20.80	CosZAvg	******	******	******	0.289	0.341	******	******	******	******	0.180	0.123	0.097
C	205	43.28	20.80	TransMax	******	******	******	0.870	0.818	******	******	******	******	0.688	0.714	0.707
C	205	43.28	20.80	TransMin	******	******	******	0.080	0.101	******	******	******	******	0.054	0.114	0.092
C	205	43.28	20.80	TransT5	******	******	******	0.838	0.818	******	******	******	******	0.670	0.709	0.691
C	205	43.28	20.80	Transl0	******	******	******	******	******	******	******	******	******	0.664	******	******
C	205	43.28	20.80	Transl5	******	******	******	0.839	******	******	******	******	******	0.670	******	0.643
C	205	43.28	20.80	Transl10	******	******	******	0.811	0.725	******	******	******	******	0.684	******	0.643
C	56	43.22	2.32	SrfDwn	54	79	151	157	235	257	283	225	182	106	80	57
C	56	43.22	2.32	TOADwn	155	218	305	392	455	482	468	415	336	247	172	137
C	56	43.22	2.32	CosZAvg	0.110	0.156	0.221	0.290	0.341	0.365	0.354	0.312	0.249	0.180	0.123	0.097
C	56	43.22	2.32	TransMax	0.619	0.678	0.720	0.703	0.726	0.709	0.713	0.728	0.735	0.700	0.672	0.651
C	56	43.22	2.32	TransMin	0.082	0.034	0.084	0.055	0.165	0.165	0.174	0.198	0.205	0.115	0.095	0.144
C	56	43.22	2.32	TransT5	0.609	0.674	0.708	0.686	0.717	0.698	0.698	0.713	0.722	0.684	0.658	0.640
C	56	43.22	2.32	Transl0	******	0.607	******	******	******	******	******	******	******	******	******	0.639
C	56	43.22	2.32	Transl5	******	0.587	0.670	******	0.726	******	0.706	0.700	0.705	******	0.641	0.607
C	56	43.22	2.32	Transl10	******	0.567	0.685	******	0.726	******	0.704	0.676	0.691	0.650	0.635	0.579
C	14	43.20	27.92	SrfDwn	60	63	116	201	261	269	259	266	200	110	79	64
C	14	43.20	27.92	TOADwn	155	218	305	392	455	482	468	416	337	247	172	137
C	14	43.20	27.92	CosZAvg	0.110	0.156	0.221	0.290	0.341	0.365	0.354	0.312	0.249	0.180	0.123	0.097
C	14	43.20	27.92	TransMax	0.696	0.711	0.700	0.712	0.705	0.753	0.678	0.804	0.759	0.716	0.731	0.745
C	14	43.20	27.92	TransMin	0.054	0.054	0.041	0.177	0.091	0.170	0.299	0.465	0.164	0.104	0.086	0.080
C	14	43.20	27.92	TransT5	0.683	0.711	0.689	0.692	0.696	0.734	0.668	0.804	0.752	0.707	0.719	0.727
C	14	43.20	27.92	Transl0	0.671	******	******	******	******	******	******	******	******	******	******	******
C	14	43.20	27.92	Transl5	0.671	******	******	******	******	******	******	******	******	******	******	******
C	14	43.20	27.92	Transl10	0.671	******	******	******	******	0.726	******	0.678	******	0.621	******	0.670
C	57	43.03	6.47	SrfDwn	79	98	168	189	272	299	292	271	199	129	87	72
C	57	43.03	6.47	TOADwn	156	219	306	393	456	482	468	416	337	248	173	138
C	57	43.03	6.47	CosZAvg	0.111	0.156	0.222	0.290	0.342	0.365	0.354	0.312	0.250	0.181	0.124	0.098
C	57	43.03	6.47	TransMax	0.717	0.726	0.758	0.764	0.751	0.742	0.735	0.766	0.725	0.719	0.708	0.701
C	57	43.03	6.47	TransMin	0.040	0.045	0.024	0.081	0.119	0.309	0.401	0.240	0.181	0.111	0.124	0.075
C	57	43.03	6.47	TransT5	0.701	0.713	0.739	0.740	0.729	0.729	0.710	0.749	0.711	0.705	0.690	0.666
C	57	43.03	6.47	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	57	43.03	6.47	Transl5	******	0.710	******	******	******	******	******	******	******	0.669	0.642	0.655
C	57	43.03	6.47	Transl10	0.699	0.704	0.687	******	0.721	0.643	0.699	0.698	0.711	0.665	0.659	0.633
C	58	42.73	2.87	SrfDwn	68	94	157	165	235	279	277	230	180	106	91	68
C	58	42.73	2.87	TOADwn	158	221	307	394	456	482	468	417	339	250	175	140
C	58	42.73	2.87	CosZAvg	0.112	0.158	0.223	0.291	0.342	0.365	0.355	0.313	0.251	0.182	0.126	0.099
C	58	42.73	2.87	TransMax	0.636	0.705	0.716	0.687	0.726	0.724	0.718	0.697	0.714	0.695	0.699	0.711
C	58	42.73	2.87	TransMin	0.045	0.047	0.027	0.045	0.201	0.159	0.128	0.113	0.158	0.072	0.135	0.131
C	58	42.73	2.87	TransT5	0.621	0.690	0.707	0.682	0.715	0.709	0.704	0.686	0.709	0.687	0.679	0.706
C	58	42.73	2.87	Transl0	******	0.612	******	******	******	******	******	******	******	******	******	0.606
C	58	42.73	2.87	Transl5	******	0.624	0.638	******	0.718	******	0.696	0.678	0.677	******	0.608	0.608
C	58	42.73	2.87	Transl10	******	0.626	0.657	******	0.718	******	0.702	0.658	0.669	0.636	0.609	0.534
C	206	42.65	21.15	SrfDwn	48	76	115	190	219	211	250	******	200	******	65	54
C	206	42.65	21.15	TOADwn	159	221	308	394	456	482	468	******	339	******	176	141
C	206	42.65	21.15	CosZAvg	0.113	0.158	0.223	0.291	0.342	0.365	0.355	******	0.251	******	0.126	0.100
C	206	42.65	21.15	TransMax	0.632	0.512	0.625	0.687	0.684	0.686	0.720	******	0.716	******	0.640	0.606
C	206	42.65	21.15	TransMin	0.055	0.133	0.095	0.102	0.153	0.127	0.264	******	0.156	******	0.057	0.108
C	206	42.65	21.15	TransT5	0.632	0.505	0.615	0.679	0.654	0.678	0.706	******	0.698	******	0.640	0.598
C	206	42.65	21.15	Transl0	0.632	******	******	******	******	******	******	******	0.716	******	******	******
C	206	42.65	21.15	Transl5	0.632	******	******	0.679	******	******	0.673	******	0.677	******	******	0.582
C	206	42.65	21.15	Transl10	0.545	******	0.625	0.634	0.627	******	0.673	******	0.677	******	******	0.582

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	15	42.65	23.38	SrfDwn	43	57	109	191	218	225	225	228	168	104	64	42
C	15	42.65	23.38	TopDwn	159	221	308	394	456	482	468	417	339	251	176	141
C	15	42.65	23.38	CosZAvg	0.113	0.158	0.223	0.291	0.342	0.365	0.355	0.313	0.251	0.183	0.126	0.100
C	15	42.65	23.38	TransMax	0.555	0.503	0.598	0.647	0.652	0.665	0.653	0.662	0.648	0.609	0.541	0.487
C	15	42.65	23.38	TransMin	0.013	0.086	0.114	0.073	0.156	0.093	0.103	0.201	0.086	0.056	0.039	0.047
C	15	42.65	23.38	TransT5	0.555	0.503	0.598	0.636	0.637	0.653	0.650	0.646	0.638	0.591	0.533	0.480
C	15	42.65	23.38	Transl0	0.446	******	******	******	******	******	******	0.592	0.629	0.562	******	******
C	15	42.65	23.38	Transl5	0.446	******	******	0.643	******	******	0.590	0.605	0.556	0.572	******	0.426
C	15	42.65	23.38	Transl10	0.278	******	0.583	0.615	0.652	******	0.590	0.609	0.556	0.571	******	0.426
C	16	42.58	23.27	SrfDwn	67	107	159	222	209	211	210	251	191	145	107	72
C	16	42.58	23.27	TopDwn	159	222	308	394	456	482	468	417	339	251	177	141
C	16	42.58	23.27	CosZAvg	0.113	0.159	0.224	0.291	0.342	0.365	0.355	0.313	0.251	0.183	0.127	0.100
C	16	42.58	23.27	TransMax	0.844	0.930	0.902	0.837	0.815	0.749	0.743	0.755	0.883	0.807	0.906	0.793
C	16	42.58	23.27	TransMin	0.093	0.186	0.174	0.130	0.199	0.098	0.193	0.195	0.136	0.082	0.117	0.077
C	16	42.58	23.27	TransT5	0.844	0.930	0.882	0.822	0.815	0.747	0.727	0.746	0.883	0.790	0.906	0.764
C	16	42.58	23.27	Transl0	0.761	******	******	******	******	******	******	0.621	0.739	0.686	******	******
C	16	42.58	23.27	Transl5	0.761	******	******	0.802	******	******	0.526	0.714	0.614	0.703	******	0.646
C	16	42.58	23.27	Transl10	0.705	******	0.505	0.783	0.698	******	0.526	0.681	0.614	0.710	******	0.646
C	59	42.48	2.12	SrfDwn	76	128	193	188	237	284	295	260	201	128	106	93
C	59	42.48	2.12	TopDwn	160	223	309	395	456	482	468	417	340	252	177	142
C	59	42.48	2.12	CosZAvg	0.114	0.159	0.224	0.291	0.342	0.365	0.355	0.313	0.252	0.183	0.127	0.101
C	59	42.48	2.12	TransMax	0.757	0.810	0.807	0.780	0.809	0.804	0.810	0.768	0.795	0.742	0.750	0.864
C	59	42.48	2.12	TransMin	0.186	0.202	0.264	0.097	0.214	0.185	0.214	0.112	0.291	0.111	0.123	0.142
C	59	42.48	2.12	TransT5	0.746	0.794	0.786	0.770	0.799	0.783	0.790	0.751	0.778	0.732	0.729	0.839
C	59	42.48	2.12	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	59	42.48	2.12	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	59	42.48	2.12	Transl10	0.639	0.781	******	******	******	******	******	******	******	0.734	******	0.768
C	183	42.47	-2.38	SrfDwn	68	93	152	157	254	270	282	240	157	125	78	46
C	183	42.47	-2.38	TopDwn	160	223	309	395	456	482	468	417	340	252	177	142
C	183	42.47	-2.38	CosZAvg	0.114	0.159	0.224	0.292	0.342	0.365	0.355	0.313	0.252	0.183	0.127	0.101
C	183	42.47	-2.38	TransMax	0.640	0.707	0.717	0.621	0.723	0.748	0.727	0.705	0.691	0.694	0.911	0.640
C	183	42.47	-2.38	TransMin	0.162	0.116	0.146	0.070	0.190	0.129	0.331	0.274	0.115	0.135	0.096	0.075
C	183	42.47	-2.38	TransT5	0.626	0.707	0.706	0.612	0.711	0.730	0.707	0.693	0.682	0.675	0.911	0.625
C	183	42.47	-2.38	Transl0	******	******	******	******	******	******	******	******	******	******	******	0.478
C	183	42.47	-2.38	Transl5	******	******	0.674	******	******	0.649	0.703	0.684	0.691	0.667	0.619	0.549
C	183	42.47	-2.38	Transl10	******	******	0.665	******	0.642	0.665	0.699	0.665	0.691	0.646	0.619	0.520
C	138	42.43	14.20	SrfDwn	63	68	123	210	261	232	243	245	178	114	67	48
C	138	42.43	14.20	TopDwn	160	223	309	395	456	482	469	417	340	252	178	142
C	138	42.43	14.20	CosZAvg	0.114	0.159	0.224	0.291	0.342	0.365	0.355	0.314	0.252	0.183	0.127	0.101
C	138	42.43	14.20	TransMax	0.538	0.666	0.703	0.678	0.702	0.718	0.661	0.671	0.697	0.589	0.540	0.545
C	138	42.43	14.20	TransMin	0.078	0.042	0.096	0.237	0.365	0.090	0.128	0.484	0.153	0.042	0.043	0.027
C	138	42.43	14.20	TransT5	0.526	0.666	0.689	0.658	0.697	0.718	0.648	0.661	0.697	0.578	0.530	0.545
C	138	42.43	14.20	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	138	42.43	14.20	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	138	42.43	14.20	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	17	42.20	25.33	SrfDwn	63	87	122	217	221	229	238	228	186	113	73	73
C	17	42.20	25.33	TopDwn	162	224	310	395	457	482	469	418	341	254	179	144
C	17	42.20	25.33	CosZAvg	0.115	0.160	0.225	0.292	0.342	0.365	0.355	0.314	0.253	0.185	0.128	0.102
C	17	42.20	25.33	TransMax	0.669	0.792	0.675	0.672	0.601	0.619	0.661	0.680	0.682	0.627	0.634	0.968
C	17	42.20	25.33	TransMin	0.084	0.043	0.134	0.106	0.261	0.138	0.306	0.137	0.124	0.107	0.098	0.136
C	17	42.20	25.33	TransT5	0.669	0.781	0.675	0.651	0.590	0.610	0.661	0.639	0.649	0.611	0.634	0.968
C	17	42.20	25.33	Transl0	******	******	******	******	******	******	******	******	******	0.582	******	******
C	17	42.20	25.33	Transl5	******	******	******	******	******	******	******	0.622	0.645	0.579	0.386	0.623
C	17	42.20	25.33	Transl10	0.615	******	******	0.627	******	******	0.586	0.614	0.618	0.587	0.386	0.626
C	207	42.10	19.10	SrfDwn	60	56	124	199	283	284	304	280	220	146	109	68
C	207	42.10	19.10	TopDwn	163	225	311	396	457	482	469	418	342	254	180	145
C	207	42.10	19.10	CosZAvg	0.115	0.161	0.225	0.292	0.342	0.365	0.355	0.314	0.253	0.185	0.129	0.103
C	207	42.10	19.10	TransMax	0.796	0.672	0.738	0.759	0.784	0.714	0.723	0.732	0.743	0.739	0.775	0.779
C	207	42.10	19.10	TransMin	0.025	0.018	0.018	0.084	0.296	0.126	0.278	0.574	0.186	0.084	0.086	0.056
C	207	42.10	19.10	TransT5	0.780	0.672	0.721	0.740	0.768	0.697	0.705	0.727	0.721	0.725	0.759	0.765
C	207	42.10	19.10	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	207	42.10	19.10	Transl5	******	******	******	******	******	******	******	******	******	******	******	0.740
C	207	42.10	19.10	Transl10	0.765	******	******	******	0.693	******	******	******	0.706	******	******	0.740
C	139	42.08	12.22	SrfDwn	75	82	141	193	285	269	282	274	195	157	85	71
C	139	42.08	12.22	TopDwn	163	225	311	396	457	482	469	418	342	254	180	145
C	139	42.08	12.22	CosZAvg	0.116	0.161	0.226	0.292	0.342	0.365	0.355	0.314	0.253	0.185	0.129	0.103
C	139	42.08	12.22	TransMax	0.935	0.694	0.750	0.740	0.719	0.735	0.689	0.810	0.732	0.750	0.860	0.717
C	139	42.08	12.22	TransMin	0.036	0.048	0.090	0.144	0.371	0.282	0.205	0.415	0.094	0.469	0.102	0.112
C	139	42.08	12.22	TransT5	0.935	0.681	0.744	0.735	0.698	0.735	0.674	0.810	0.720	0.732	0.644	0.717
C	139	42.08	12.22	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	139	42.08	12.22	Transl5	0.775	******	******	******	0.719	******	******	******	******	******	0.626	******
C	139	42.08	12.22	Transl10	0.695	******	0.740	******	0.719	0.682	0.658	******	0.715	0.643	0.626	0.635

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	60	41.92	8.80	SrfDwn	63	94	148	181	285	279	282	268	208	137	89	64
C	60	41.92	8.80	TosDwn	164	226	312	397	457	482	469	419	342	255	181	146
C	60	41.92	8.80	CosZAvg	0.116	0.162	0.226	0.293	0.343	0.365	0.355	0.314	0.254	0.186	0.130	0.104
C	60	41.92	8.80	TransMax	0.640	0.642	0.713	0.705	0.724	0.725	0.701	0.731	0.701	0.680	0.681	0.655
C	60	41.92	8.80	TransMin	0.052	0.077	0.165	0.072	0.144	0.186	0.373	0.386	0.398	0.170	0.090	0.071
C	60	41.92	8.80	TransT5	0.631	0.635	0.695	0.699	0.703	0.705	0.680	0.711	0.681	0.669	0.662	0.637
C	60	41.92	8.80	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	60	41.92	8.80	Transl5	******	******	******	******	******	******	******	******	******	******	0.640	******
C	60	41.92	8.80	Transl10	0.639	******	0.712	******	0.703	******	0.672	0.667	******	0.633	0.640	******
C	164	41.80	-8.73	SrfDwn	81	88	169	204	283	315	330	279	176	141	96	72
C	164	41.80	-8.73	TosDwn	165	227	313	397	457	482	469	419	343	256	182	147
C	164	41.80	-8.73	CosZAvg	0.117	0.162	0.227	0.293	0.343	0.365	0.355	0.315	0.254	0.186	0.130	0.104
C	164	41.80	-8.73	TransMax	0.749	0.720	0.766	0.753	0.773	0.757	0.772	0.767	0.727	0.729	0.767	0.744
C	164	41.80	-8.73	TransMin	0.081	0.082	0.152	0.150	0.138	0.235	0.466	0.444	0.094	0.107	0.045	0.083
C	164	41.80	-8.73	TransT5	0.740	0.705	0.747	0.732	0.752	0.740	0.754	0.746	0.719	0.710	0.749	0.744
C	164	41.80	-8.73	Transl0	******	******	******	******	******	******	******	0.741	0.719	******	******	******
C	164	41.80	-8.73	Transl5	0.735	******	0.766	0.717	0.764	******	0.748	0.741	0.721	0.570	0.712	0.646
C	164	41.80	-8.73	Transl10	0.705	******	0.732	0.717	0.756	0.744	0.744	0.740	0.722	0.607	0.695	0.654
C	140	41.80	12.55	SrfDwn	55	79	128	189	249	232	232	238	170	130	79	59
C	140	41.80	12.55	TosDwn	165	227	312	397	457	482	469	419	343	256	182	147
C	140	41.80	12.55	CosZAvg	0.117	0.162	0.227	0.293	0.343	0.365	0.355	0.315	0.254	0.186	0.130	0.104
C	140	41.80	12.55	TransMax	0.547	0.608	0.692	0.680	0.624	0.618	0.589	0.651	0.624	0.608	0.574	0.569
C	140	41.80	12.55	TransMin	0.045	0.082	0.125	0.062	0.212	0.226	0.092	0.477	0.134	0.339	0.086	0.123
C	140	41.80	12.55	TransT5	0.539	0.592	0.689	0.647	0.610	0.606	0.570	0.630	0.610	0.602	0.557	0.555
C	140	41.80	12.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	140	41.80	12.55	Transl5	0.513	******	******	******	0.615	******	******	******	******	******	0.489	******
C	140	41.80	12.55	Transl10	0.505	******	0.689	******	0.618	0.584	0.536	******	0.617	0.566	0.489	0.569
C	141	41.53	15.72	SrfDwn	82	94	147	244	294	277	292	280	218	154	87	78
C	141	41.53	15.72	TosDwn	167	229	314	398	457	482	469	419	344	258	184	149
C	141	41.53	15.72	CosZAvg	0.118	0.164	0.228	0.294	0.343	0.365	0.355	0.315	0.255	0.186	0.132	0.106
C	141	41.53	15.72	TransMax	0.811	0.708	0.736	0.771	0.772	0.784	0.806	0.757	0.789	0.761	0.768	0.684
C	141	41.53	15.72	TransMin	0.117	0.072	0.089	0.273	0.322	0.137	0.267	0.493	0.223	0.288	0.097	0.139
C	141	41.53	15.72	TransT5	0.811	0.702	0.725	0.756	0.754	0.764	0.806	0.738	0.773	0.738	0.768	0.666
C	141	41.53	15.72	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	141	41.53	15.72	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	141	41.53	15.72	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	18	41.52	23.27	SrfDwn	61	67	125	218	******	******	******	******	******	******	******	******
C	18	41.52	23.27	TosDwn	167	229	314	398	******	******	******	******	******	******	******	******
C	18	41.52	23.27	CosZAvg	0.118	0.164	0.228	0.294	******	******	******	******	******	******	******	******
C	18	41.52	23.27	TransMax	0.646	0.603	0.629	0.687	******	******	******	******	******	******	******	******
C	18	41.52	23.27	TransMin	0.065	0.047	0.067	0.096	******	******	******	******	******	******	******	******
C	18	41.52	23.27	TransT5	0.646	0.603	0.617	0.669	******	******	******	******	******	******	******	******
C	18	41.52	23.27	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	18	41.52	23.27	Transl5	0.646	******	******	******	******	******	******	******	******	******	******	******
C	18	41.52	23.27	Transl10	0.646	******	******	0.665	******	******	******	******	******	******	******	******
C	165	41.13	-8.60	SrfDwn	80	82	168	235	279	317	292	256	178	148	97	71
C	165	41.13	-8.60	TosDwn	170	232	316	399	458	482	469	420	346	260	187	152
C	165	41.13	-8.60	CosZAvg	0.120	0.166	0.229	0.295	0.343	0.365	0.355	0.316	0.256	0.189	0.134	0.108
C	165	41.13	-8.60	TransMax	0.792	0.684	0.763	0.804	0.805	0.783	0.752	0.762	0.748	0.702	0.773	0.984
C	165	41.13	-8.60	TransMin	0.174	0.096	0.105	0.171	0.203	0.380	0.266	0.231	0.133	0.096	0.147	0.041
C	165	41.13	-8.60	TransT5	0.775	0.681	0.743	0.791	0.791	0.780	0.738	0.744	0.741	0.680	0.758	0.984
C	165	41.13	-8.60	Transl0	******	******	******	******	******	******	******	0.741	0.716	******	******	******
C	165	41.13	-8.60	Transl5	0.766	******	0.752	0.797	0.798	******	0.653	0.741	0.728	0.678	0.751	0.703
C	165	41.13	-8.60	Transl10	0.759	******	0.757	0.797	0.791	0.755	0.704	0.743	0.719	0.673	0.743	0.707
C	208	41.05	21.37	SrfDwn	78	87	139	233	242	248	268	273	205	130	90	72
C	208	41.05	21.37	TosDwn	170	232	316	399	458	482	469	421	346	261	187	152
C	208	41.05	21.37	CosZAvg	0.121	0.166	0.229	0.295	0.343	0.365	0.355	0.316	0.256	0.190	0.134	0.108
C	208	41.05	21.37	TransMax	0.781	0.660	0.722	0.758	0.743	0.726	0.706	0.730	0.719	0.736	0.740	0.786
C	208	41.05	21.37	TransMin	0.121	0.078	0.186	0.235	0.132	0.141	0.349	0.319	0.215	0.061	0.084	0.132
C	208	41.05	21.37	TransT5	0.760	0.649	0.706	0.740	0.724	0.708	0.694	0.709	0.698	0.728	0.721	0.778
C	208	41.05	21.37	Transl0	******	******	******	******	******	******	******	******	******	0.692	******	0.683
C	208	41.05	21.37	Transl5	0.743	******	******	******	******	******	******	0.679	0.675	0.693	******	0.703
C	208	41.05	21.37	Transl10	0.743	******	******	0.706	******	******	******	0.684	0.677	0.687	0.657	0.726
C	142	40.90	9.52	SrfDwn	78	95	152	201	290	289	285	271	194	132	79	64
C	142	40.90	9.52	TosDwn	171	233	317	400	458	482	469	421	347	261	188	153
C	142	40.90	9.52	CosZAvg	0.122	0.167	0.230	0.295	0.343	0.365	0.355	0.316	0.257	0.190	0.135	0.109
C	142	40.90	9.52	TransMax	0.659	0.722	0.766	0.714	0.740	0.749	0.726	0.714	0.691	0.733	0.632	0.626
C	142	40.90	9.52	TransMin	0.091	0.087	0.111	0.137	0.094	0.162	0.212	0.498	0.182	0.106	0.129	0.102
C	142	40.90	9.52	TransT5	0.644	0.722	0.752	0.696	0.721	0.749	0.715	0.704	0.689	0.723	0.613	0.614
C	142	40.90	9.52	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	142	40.90	9.52	Transl5	******	******	******	******	******	******	******	******	******	******	0.570	******
C	142	40.90	9.52	Transl10	0.511	******	0.738	******	0.706	******	0.678	0.647	******	0.599	0.570	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	143	40.85	14.30	SrfDwn	86	75	137	223	250	245	250	261	191	135	93	83
C	143	40.85	14.30	ToaDwn	172	233	317	400	458	482	469	421	347	282	189	154
C	143	40.85	14.30	CosZAvg	0.122	0.167	0.230	0.295	0.343	0.365	0.355	0.316	0.257	0.191	0.135	0.109
C	143	40.85	14.30	TransMax	0.594	0.683	0.682	0.717	0.689	0.662	0.673	0.726	0.679	0.687	0.598	0.565
C	143	40.85	14.30	TransMin	0.055	0.084	0.094	0.140	0.154	0.120	0.213	0.533	0.213	0.368	0.262	0.165
C	143	40.85	14.30	TransT5	0.584	0.683	0.674	0.707	0.651	0.652	0.658	0.726	0.665	0.687	0.586	0.557
C	143	40.85	14.30	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	143	40.85	14.30	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	143	40.85	14.30	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	144	40.65	17.95	SrfDwn	78	95	154	251	284	299	296	285	224	154	96	70
C	144	40.65	17.95	ToaDwn	173	235	318	400	458	482	469	421	348	283	190	155
C	144	40.65	17.95	CosZAvg	0.123	0.168	0.231	0.296	0.344	0.365	0.355	0.317	0.258	0.191	0.136	0.110
C	144	40.65	17.95	TransMax	0.723	0.672	0.764	0.804	0.732	0.767	0.731	0.763	0.846	0.726	0.729	0.652
C	144	40.65	17.95	TransMin	0.128	0.094	0.125	0.226	0.319	0.405	0.314	0.538	0.185	0.245	0.065	0.083
C	144	40.65	17.95	TransT5	0.723	0.659	0.744	0.783	0.707	0.767	0.707	0.745	0.846	0.709	0.722	0.638
C	144	40.65	17.95	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	144	40.65	17.95	Transl5	******	******	******	******	******	******	******	******	******	******	******	0.616
C	144	40.65	17.95	Transl10	0.581	******	******	******	0.732	******	******	******	0.721	******	******	0.616
C	145	40.63	8.28	SrfDwn	77	99	154	200	293	281	288	273	209	138	93	72
C	145	40.63	8.28	ToaDwn	173	235	319	401	458	482	469	421	348	283	190	155
C	145	40.63	8.28	CosZAvg	0.123	0.168	0.231	0.296	0.344	0.365	0.355	0.317	0.258	0.191	0.136	0.110
C	145	40.63	8.28	TransMax	0.702	0.717	0.742	0.714	0.717	0.709	0.716	0.747	0.715	0.681	0.697	0.640
C	145	40.63	8.28	TransMin	0.171	0.148	0.067	0.142	0.207	0.106	0.225	0.472	0.204	0.201	0.055	0.151
C	145	40.63	8.28	TransT5	0.695	0.717	0.727	0.696	0.699	0.691	0.698	0.729	0.698	0.647	0.686	0.625
C	145	40.63	8.28	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	145	40.63	8.28	Transl5	******	******	******	******	******	******	******	******	******	******	0.609	******
C	145	40.63	8.28	Transl10	0.625	******	0.742	******	0.699	******	0.687	0.657	******	0.609	0.609	******
C	107	40.58	22.55	SrfDwn	58	56	83	160	159	195	192	189	139	78	71	51
C	107	40.58	22.55	ToaDwn	174	235	319	401	458	482	469	422	348	283	191	156
C	107	40.58	22.55	CosZAvg	0.123	0.168	0.231	0.296	0.344	0.365	0.355	0.317	0.258	0.192	0.136	0.110
C	107	40.58	22.55	TransMax	0.570	0.447	0.472	0.485	0.542	0.469	0.501	0.579	0.579	0.597	0.843	0.517
C	107	40.58	22.55	TransMin	0.108	0.039	0.040	0.106	0.047	0.254	0.235	0.338	0.022	0.040	0.032	0.058
C	107	40.58	22.55	TransT5	0.570	0.447	0.467	0.479	0.542	0.462	0.501	0.579	0.578	0.597	0.843	0.511
C	107	40.58	22.55	Transl0	******	******	******	******	******	******	******	******	******	0.384	******	0.294
C	107	40.58	22.55	Transl5	0.477	******	******	******	******	******	0.440	0.465	0.428	0.392	******	0.307
C	107	40.58	22.55	Transl10	0.477	******	******	0.483	******	******	0.446	0.485	0.457	0.394	0.380	0.349
C	184	40.45	-3.72	SrfDwn	83	93	168	209	282	330	313	285	187	129	97	78
C	184	40.45	-3.72	ToaDwn	175	236	320	401	456	482	469	422	349	284	191	157
C	184	40.45	-3.72	CosZAvg	0.124	0.169	0.232	0.296	0.344	0.365	0.355	0.317	0.258	0.192	0.137	0.111
C	184	40.45	-3.72	TransMax	0.704	0.681	0.745	0.750	0.760	0.757	0.762	0.748	0.713	0.702	0.679	0.653
C	184	40.45	-3.72	TransMin	0.090	0.125	0.197	0.172	0.202	0.487	0.381	0.343	0.102	0.237	0.135	0.074
C	184	40.45	-3.72	TransT5	0.689	0.665	0.730	0.738	0.748	0.741	0.746	0.730	0.713	0.696	0.665	0.642
C	184	40.45	-3.72	Transl0	******	******	******	******	******	******	******	******	******	0.635	******	******
C	184	40.45	-3.72	Transl5	0.571	******	0.666	0.726	0.724	******	0.709	******	0.713	0.616	******	******
C	184	40.45	-3.72	Transl10	0.623	******	0.660	0.726	0.736	0.706	0.699	0.716	0.641	0.621	0.529	0.553
C	166	40.42	-7.55	SrfDwn	90	90	170	194	290	342	347	293	189	153	103	82
C	166	40.42	-7.55	ToaDwn	175	236	320	401	459	482	469	422	349	284	192	157
C	166	40.42	-7.55	CosZAvg	0.124	0.169	0.232	0.296	0.344	0.365	0.355	0.317	0.258	0.192	0.137	0.111
C	166	40.42	-7.55	TransMax	0.793	0.782	0.846	0.805	0.808	0.818	0.807	0.837	0.791	0.764	0.778	0.755
C	166	40.42	-7.55	TransMin	0.136	0.137	0.105	0.089	0.207	0.270	0.416	0.306	0.147	0.128	0.060	0.113
C	166	40.42	-7.55	TransT5	0.769	0.769	0.846	0.785	0.788	0.797	0.786	0.807	0.773	0.749	0.761	0.743
C	166	40.42	-7.55	Transl0	******	******	******	******	******	******	******	0.797	0.772	******	******	******
C	166	40.42	-7.55	Transl5	0.716	******	0.657	0.802	0.774	******	0.766	0.797	0.779	0.656	0.747	0.708
C	166	40.42	-7.55	Transl10	0.742	******	0.662	0.802	0.779	0.767	0.774	0.795	0.763	0.704	0.691	0.723
C	167	40.20	-8.42	SrfDwn	83	88	161	203	258	312	306	273	182	144	110	77
C	167	40.20	-8.42	ToaDwn	176	238	321	402	459	482	469	422	350	286	193	158
C	167	40.20	-8.42	CosZAvg	0.125	0.170	0.233	0.297	0.344	0.365	0.355	0.317	0.259	0.193	0.138	0.112
C	167	40.20	-8.42	TransMax	0.785	0.711	0.769	0.776	0.792	0.788	0.779	0.782	0.752	0.734	0.802	0.755
C	167	40.20	-8.42	TransMin	0.129	0.090	0.110	0.131	0.149	0.294	0.322	0.285	0.174	0.099	0.053	0.039
C	167	40.20	-8.42	TransT5	0.785	0.699	0.753	0.766	0.776	0.767	0.761	0.769	0.733	0.721	0.776	0.736
C	167	40.20	-8.42	Transl0	******	******	******	******	******	******	******	0.768	0.732	******	******	******
C	167	40.20	-8.42	Transl5	0.709	******	0.665	0.766	0.774	******	0.712	0.768	0.738	0.706	0.767	0.724
C	167	40.20	-8.42	Transl10	0.717	******	0.717	0.766	0.776	0.757	0.730	0.771	0.727	0.714	0.730	0.735
C	146	40.02	15.28	SrfDwn	71	88	149	228	276	284	292	286	230	154	******	******
C	146	40.02	15.28	ToaDwn	178	239	322	402	459	482	470	423	351	287	******	******
C	146	40.02	15.28	CosZAvg	0.126	0.171	0.233	0.297	0.344	0.365	0.355	0.318	0.260	0.194	******	******
C	146	40.02	15.28	TransMax	0.682	0.727	0.733	0.763	0.724	0.736	0.692	0.759	0.753	0.753	******	******
C	146	40.02	15.28	TransMin	0.051	0.098	0.120	0.080	0.238	0.198	0.404	0.564	0.362	0.249	******	******
C	146	40.02	15.28	TransT5	0.672	0.727	0.721	0.740	0.707	0.728	0.680	0.736	0.729	0.753	******	******
C	146	40.02	15.28	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	146	40.02	15.28	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	146	40.02	15.28	Transl10	******	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	185	39.88	-4.05	SrfDwn	95	101	201	211	286	331	314	288	195	140	108	87
C	185	39.88	-4.05	TopDwn	179	240	323	403	459	482	470	423	351	288	195	161
C	185	39.88	-4.05	CosZAvg	0.127	0.172	0.234	0.298	0.344	0.385	0.355	0.318	0.280	0.195	0.140	0.114
C	185	39.88	-4.05	TransMax	0.721	0.739	0.759	0.782	0.778	0.742	0.742	0.742	0.692	0.685	0.685	0.701
C	185	39.88	-4.05	TransMin	0.173	0.133	0.239	0.146	0.267	0.443	0.398	0.383	0.176	0.242	0.174	0.125
C	185	39.88	-4.05	TransT5	0.708	0.724	0.732	0.765	0.760	0.725	0.720	0.720	0.677	0.670	0.669	0.682
C	185	39.88	-4.05	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	185	39.88	-4.05	Transl5	0.680	0.739	0.721	0.750	0.722	0.715	0.719	0.718	0.676	0.671	0.633	0.647
C	185	39.88	-4.05	Transl10	0.688	0.724	0.695	0.748	0.721	0.715	0.719	0.717	0.680	0.667	0.623	0.626
C	168	39.83	-7.48	SrfDwn	102	100	195	217	295	333	331	294	189	163	110	94
C	168	39.83	-7.48	TopDwn	179	240	323	403	459	482	470	423	351	288	196	161
C	168	39.83	-7.48	CosZAvg	0.127	0.172	0.234	0.298	0.344	0.385	0.355	0.318	0.280	0.195	0.140	0.114
C	168	39.83	-7.48	TransMax	0.737	0.717	0.752	0.780	0.774	0.766	0.755	0.781	0.747	0.753	0.778	0.749
C	168	39.83	-7.48	TransMin	0.139	0.114	0.256	0.092	0.178	0.337	0.530	0.413	0.196	0.131	0.046	0.095
C	168	39.83	-7.48	TransT5	0.727	0.697	0.735	0.756	0.752	0.752	0.743	0.763	0.728	0.735	0.758	0.735
C	168	39.83	-7.48	Transl0	******	******	******	******	0.750	0.766	******	******	0.712	0.752	0.732	0.744
C	168	39.83	-7.48	Transl5	0.723	******	0.730	0.754	0.750	0.759	0.707	0.765	0.725	0.734	0.721	0.721
C	168	39.83	-7.48	Transl10	0.728	******	0.737	0.749	0.745	0.749	0.707	0.756	0.725	0.732	0.723	0.721
C	186	39.55	2.62	SrfDwn	92	118	174	209	282	292	285	250	197	143	99	80
C	186	39.55	2.62	TopDwn	181	242	324	404	459	482	470	424	353	270	198	163
C	186	39.55	2.62	CosZAvg	0.128	0.173	0.235	0.298	0.344	0.385	0.356	0.318	0.261	0.198	0.142	0.116
C	186	39.55	2.62	TransMax	0.710	0.693	0.718	0.734	0.715	0.721	0.697	0.661	0.674	0.678	0.646	0.622
C	186	39.55	2.62	TransMin	0.283	0.203	0.112	0.089	0.144	0.167	0.224	0.310	0.120	0.189	0.216	0.100
C	186	39.55	2.62	TransT5	0.710	0.683	0.700	0.722	0.700	0.703	0.680	0.644	0.682	0.664	0.627	0.602
C	186	39.55	2.62	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	186	39.55	2.62	Transl5	0.625	******	******	******	******	******	******	******	******	0.626	******	0.622
C	186	39.55	2.62	Transl10	0.625	0.668	******	******	******	0.696	******	******	******	0.629	0.620	0.601
C	187	39.47	-6.33	SrfDwn	96	94	190	214	282	329	315	280	188	150	107	87
C	187	39.47	-6.33	TopDwn	182	243	325	404	459	482	470	424	353	270	198	164
C	187	39.47	-6.33	CosZAvg	0.129	0.173	0.236	0.298	0.344	0.385	0.356	0.318	0.261	0.197	0.142	0.116
C	187	39.47	-6.33	TransMax	0.673	0.676	0.709	0.724	0.735	0.739	0.728	0.738	0.695	0.689	0.684	0.685
C	187	39.47	-6.33	TransMin	0.174	0.142	0.213	0.255	0.206	0.477	0.521	0.398	0.144	0.177	0.086	0.110
C	187	39.47	-6.33	TransT5	0.654	0.663	0.691	0.710	0.716	0.726	0.713	0.716	0.677	0.668	0.666	0.649
C	187	39.47	-6.33	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	187	39.47	-6.33	Transl5	0.635	0.676	0.691	0.714	0.704	0.732	0.708	0.710	0.686	0.676	0.645	0.629
C	187	39.47	-6.33	Transl10	0.603	0.663	0.687	0.713	0.703	0.732	0.708	0.709	0.680	0.667	0.614	0.624
C	147	39.25	9.05	SrfDwn	86	112	181	224	304	292	298	275	212	134	96	80
C	147	39.25	9.05	TopDwn	183	244	326	405	460	482	470	424	354	271	200	165
C	147	39.25	9.05	CosZAvg	0.130	0.174	0.236	0.299	0.344	0.385	0.356	0.319	0.262	0.198	0.143	0.117
C	147	39.25	9.05	TransMax	0.710	0.695	0.731	0.866	0.732	0.729	0.728	0.724	0.729	0.710	0.698	0.654
C	147	39.25	9.05	TransMin	0.054	0.160	0.163	0.151	0.223	0.180	0.313	0.408	0.163	0.186	0.219	0.098
C	147	39.25	9.05	TransT5	0.698	0.684	0.715	0.866	0.714	0.705	0.713	0.712	0.712	0.706	0.691	0.637
C	147	39.25	9.05	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	147	39.25	9.05	Transl5	******	******	0.679	******	0.716	0.699	0.703	0.677	0.636	******	******	******
C	147	39.25	9.05	Transl10	******	******	0.679	0.722	0.707	0.690	0.686	0.677	0.672	0.506	0.606	0.626
C	108	39.17	21.00	SrfDwn	53	86	******	201	222	248	256	247	170	103	75	52
C	108	39.17	21.00	TopDwn	184	244	******	405	460	482	470	425	354	272	200	166
C	108	39.17	21.00	CosZAvg	0.130	0.175	******	0.299	0.344	0.385	0.356	0.319	0.262	0.198	0.144	0.118
C	108	39.17	21.00	TransMax	0.508	0.505	******	0.640	0.606	0.650	0.631	0.646	0.585	0.600	0.502	0.436
C	108	39.17	21.00	TransMin	0.071	0.005	******	0.043	0.184	0.268	0.286	0.489	0.296	0.110	0.104	0.100
C	108	39.17	21.00	TransT5	0.508	0.505	******	0.620	0.593	0.637	0.615	0.627	0.573	0.600	0.496	0.436
C	108	39.17	21.00	Transl0	0.466	******	******	******	******	******	******	0.583	0.498	******	******	******
C	108	39.17	21.00	Transl5	0.466	******	******	0.591	0.594	0.650	0.609	0.600	0.516	0.523	******	0.371
C	108	39.17	21.00	Transl10	0.425	******	******	0.595	0.592	0.609	0.600	0.593	0.503	0.496	0.427	0.377
C	148	39.00	17.07	SrfDwn	81	99	141	242	263	282	266	270	215	146	101	82
C	148	39.00	17.07	TopDwn	185	246	327	405	460	482	470	425	355	273	201	167
C	148	39.00	17.07	CosZAvg	0.131	0.176	0.237	0.299	0.345	0.385	0.356	0.319	0.263	0.199	0.144	0.118
C	148	39.00	17.07	TransMax	0.641	0.684	0.687	0.727	0.663	0.698	0.686	0.689	0.723	0.667	0.643	0.643
C	148	39.00	17.07	TransMin	0.163	0.075	0.090	0.422	0.091	0.284	0.340	0.464	0.408	0.089	0.246	0.169
C	148	39.00	17.07	TransT5	0.630	0.645	0.671	0.709	0.647	0.682	0.670	0.689	0.705	0.652	0.630	0.633
C	148	39.00	17.07	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	148	39.00	17.07	Transl5	******	******	******	******	0.640	******	******	******	******	******	******	******
C	148	39.00	17.07	Transl10	******	0.606	0.622	******	0.643	******	******	******	******	******	******	******
C	169	38.72	-9.15	SrfDwn	95	100	192	223	300	337	330	289	195	161	111	81
C	169	38.72	-9.15	TopDwn	187	248	329	406	460	482	470	425	356	275	203	169
C	169	38.72	-9.15	CosZAvg	0.133	0.177	0.238	0.300	0.345	0.384	0.356	0.320	0.264	0.200	0.146	0.120
C	169	38.72	-9.15	TransMax	0.737	0.687	0.802	0.782	0.788	0.769	0.762	0.761	0.734	0.724	0.744	0.681
C	169	38.72	-9.15	TransMin	0.214	0.094	0.174	0.194	0.250	0.467	0.473	0.288	0.115	0.131	0.137	0.080
C	169	38.72	-9.15	TransT5	0.737	0.687	0.802	0.765	0.757	0.749	0.741	0.744	0.713	0.707	0.730	0.656
C	169	38.72	-9.15	Transl0	******	******	******	******	0.765	0.740	******	******	0.693	0.704	0.667	0.638
C	169	38.72	-9.15	Transl5	0.708	******	0.752	0.752	0.765	0.758	0.707	0.746	0.709	0.686	0.669	0.630
C	169	38.72	-9.15	Transl10	0.695	******	0.748	0.757	0.764	0.754	0.707	0.745	0.709	0.690	0.664	0.623

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	149	38.70	13.18	SrfDwn	82	117	171	258	271	285	285	271	205	132	98	70
C	149	38.70	13.18	TOADwn	187	248	328	406	460	482	470	426	356	275	204	169
C	149	38.70	13.18	CosZAvg	0.133	0.177	0.238	0.300	0.345	0.364	0.356	0.320	0.264	0.200	0.146	0.120
C	149	38.70	13.18	TransMax	0.664	0.720	0.725	0.859	0.709	0.711	0.740	0.775	0.693	0.646	0.656	0.574
C	149	38.70	13.18	TransMin	0.097	0.199	0.200	0.200	0.100	0.303	0.460	0.531	0.298	0.199	0.169	0.076
C	149	38.70	13.18	TransT5	0.651	0.703	0.711	0.645	0.691	0.690	0.740	0.775	0.677	0.632	0.642	0.564
C	149	38.70	13.18	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	149	38.70	13.18	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	149	38.70	13.18	Transl10	0.589	******	0.705	0.796	0.694	0.676	******	0.668	0.603	0.600	******	******
C	10	38.67	-27.22	SrfDwn	75	80	140	159	171	194	206	167	145	95	72	45
C	10	38.67	-27.22	TOADwn	187	248	329	407	460	482	470	425	356	275	204	169
C	10	38.67	-27.22	CosZAvg	0.133	0.177	0.239	0.300	0.345	0.364	0.356	0.320	0.264	0.200	0.146	0.120
C	10	38.67	-27.22	TransMax	0.544	0.549	0.713	0.622	0.613	0.617	0.634	0.633	0.631	0.515	0.537	0.448
C	10	38.67	-27.22	TransMin	0.251	0.093	0.179	0.074	0.082	0.147	0.200	0.118	0.083	0.150	0.192	0.080
C	10	38.67	-27.22	TransT5	0.544	0.541	0.713	0.617	0.601	0.605	0.634	0.633	0.631	0.510	0.537	0.441
C	10	38.67	-27.22	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	10	38.67	-27.22	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	10	38.67	-27.22	Transl10	0.473	******	******	******	******	******	******	******	******	******	******	******
C	170	38.57	-7.90	SrfDwn	100	102	193	213	290	333	331	294	192	164	125	100
C	170	38.57	-7.90	TOADwn	188	249	329	407	460	482	470	426	357	275	204	170
C	170	38.57	-7.90	CosZAvg	0.133	0.178	0.239	0.300	0.345	0.364	0.356	0.320	0.264	0.200	0.146	0.121
C	170	38.57	-7.90	TransMax	0.741	0.734	0.752	0.769	0.754	0.773	0.750	0.769	0.727	0.770	0.761	0.760
C	170	38.57	-7.90	TransMin	0.179	0.131	0.133	0.160	0.180	0.448	0.440	0.372	0.163	0.145	0.197	0.110
C	170	38.57	-7.90	TransT5	0.729	0.734	0.742	0.748	0.736	0.750	0.734	0.754	0.717	0.761	0.766	0.769
C	170	38.57	-7.90	Transl0	******	******	******	******	0.747	0.754	******	******	0.702	0.770	0.737	0.772
C	170	38.57	-7.90	Transl5	0.730	******	0.749	0.738	0.747	0.756	0.711	0.753	0.715	0.755	0.749	0.757
C	170	38.57	-7.90	Transl10	0.706	******	0.749	0.738	0.745	0.743	0.711	0.752	0.715	0.747	0.747	0.757
C	109	38.38	23.10	SrfDwn	83	90	110	245	263	282	284	251	187	110	78	66
C	109	38.38	23.10	TOADwn	189	250	330	407	460	482	470	426	358	277	206	171
C	109	38.38	23.10	CosZAvg	0.134	0.178	0.239	0.301	0.345	0.364	0.356	0.320	0.265	0.201	0.147	0.122
C	109	38.38	23.10	TransMax	0.623	0.608	0.670	0.705	0.704	0.718	0.649	0.659	0.635	0.624	0.681	0.633
C	109	38.38	23.10	TransMin	0.077	0.052	0.086	0.177	0.190	0.196	0.518	0.556	0.109	0.015	0.033	0.033
C	109	38.38	23.10	TransT5	0.605	0.595	0.654	0.691	0.692	0.702	0.628	0.644	0.618	0.619	0.680	0.633
C	109	38.38	23.10	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	109	38.38	23.10	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	109	38.38	23.10	Transl10	0.555	******	******	******	******	******	******	******	******	******	******	******
C	150	38.20	15.55	SrfDwn	83	107	162	241	306	320	306	286	235	148	95	66
C	150	38.20	15.55	TOADwn	191	251	331	408	460	482	470	426	358	278	207	173
C	150	38.20	15.55	CosZAvg	0.135	0.179	0.240	0.301	0.345	0.364	0.356	0.320	0.265	0.202	0.148	0.122
C	150	38.20	15.55	TransMax	0.673	0.714	0.752	0.811	0.778	0.788	0.766	0.759	0.837	0.705	0.658	0.568
C	150	38.20	15.55	TransMin	0.178	0.103	0.082	0.057	0.218	0.269	0.392	0.337	0.370	0.079	0.182	0.094
C	150	38.20	15.55	TransT5	0.673	0.696	0.744	0.798	0.754	0.771	0.744	0.739	0.837	0.691	0.645	0.553
C	150	38.20	15.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	150	38.20	15.55	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	150	38.20	15.55	Transl10	0.673	******	0.738	0.790	0.740	0.781	******	0.721	0.730	0.683	******	******
C	110	38.05	23.67	SrfDwn	43	48	84	138	147	158	149	144	104	70	59	32
C	110	38.05	23.67	TOADwn	192	252	332	408	460	482	470	427	359	279	208	174
C	110	38.05	23.67	CosZAvg	0.136	0.180	0.241	0.301	0.345	0.364	0.356	0.321	0.266	0.203	0.149	0.123
C	110	38.05	23.67	TransMax	0.355	0.307	0.397	0.423	0.433	0.410	0.376	0.390	0.350	0.358	0.379	0.318
C	110	38.05	23.67	TransMin	0.086	0.037	0.083	0.077	0.094	0.228	0.183	0.257	0.027	0.075	0.090	0.013
C	110	38.05	23.67	TransT5	0.350	0.297	0.397	0.414	0.429	0.405	0.369	0.383	0.341	0.358	0.370	0.318
C	110	38.05	23.67	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	110	38.05	23.67	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	110	38.05	23.67	Transl10	0.304	******	******	******	******	******	******	******	******	******	******	******
C	188	38.00	-1.17	SrfDwn	115	133	191	230	257	295	287	251	201	145	107	101
C	188	38.00	-1.17	TOADwn	192	252	332	408	460	482	470	427	359	279	208	174
C	188	38.00	-1.17	CosZAvg	0.136	0.180	0.241	0.302	0.345	0.364	0.356	0.321	0.266	0.203	0.149	0.123
C	188	38.00	-1.17	TransMax	0.703	0.733	0.753	0.746	0.714	0.699	0.699	0.705	0.686	0.670	0.682	0.677
C	188	38.00	-1.17	TransMin	0.343	0.212	0.183	0.234	0.105	0.194	0.286	0.150	0.108	0.209	0.154	0.231
C	188	38.00	-1.17	TransT5	0.681	0.715	0.753	0.732	0.703	0.683	0.682	0.690	0.668	0.654	0.647	0.658
C	188	38.00	-1.17	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	188	38.00	-1.17	Transl5	0.677	******	******	0.733	0.708	0.671	******	0.629	******	0.658	0.625	0.646
C	188	38.00	-1.17	Transl10	0.680	******	0.637	0.724	0.705	0.686	0.671	0.628	******	0.645	0.625	0.643
C	111	37.98	22.73	SrfDwn	88	94	139	244	262	281	273	251	200	136	109	73
C	111	37.98	22.73	TOADwn	192	252	332	408	460	482	470	427	359	279	209	174
C	111	37.98	22.73	CosZAvg	0.136	0.180	0.241	0.301	0.345	0.364	0.356	0.321	0.266	0.203	0.149	0.124
C	111	37.98	22.73	TransMax	0.714	0.719	0.681	0.692	0.668	0.705	0.682	0.663	0.700	0.698	0.683	0.737
C	111	37.98	22.73	TransMin	0.082	0.036	0.038	0.167	0.180	0.302	0.441	0.439	0.073	0.047	0.155	0.059
C	111	37.98	22.73	TransT5	0.714	0.719	0.667	0.674	0.665	0.691	0.647	0.656	0.683	0.691	0.682	0.737
C	111	37.98	22.73	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	111	37.98	22.73	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	111	37.98	22.73	Transl10	0.612	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	151	37.92	12.50	SrfDwn	86	105	173	259	301	319	308	281	230	142	104	73
C	151	37.92	12.50	TOADwn	193	253	332	409	460	482	470	427	360	279	209	175
C	151	37.92	12.50	CosZAvg	0.137	0.181	0.241	0.302	0.345	0.364	0.356	0.321	0.266	0.203	0.150	0.124
C	151	37.92	12.50	TransMax	0.640	0.633	0.735	0.800	0.747	0.746	0.740	0.728	0.667	0.779	0.686	0.569
C	151	37.92	12.50	TransMin	0.133	0.086	0.106	0.283	0.135	0.426	0.407	0.505	0.183	0.170	0.270	0.079
C	151	37.92	12.50	TransT5	0.629	0.629	0.726	0.782	0.725	0.727	0.719	0.707	0.667	0.779	0.650	0.569
C	151	37.92	12.50	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	151	37.92	12.50	Transl5	0.604	******	******	******	******	******	******	******	******	******	******	******
C	151	37.92	12.50	Transl10	0.568	******	0.735	******	0.710	0.714	0.707	0.701	0.720	0.629	******	******
C	112	37.92	21.28	SrfDwn	60	79	126	203	******	******	******	******	******	******	81	52
C	112	37.92	21.28	TOADwn	193	253	332	408	******	******	******	******	******	******	209	175
C	112	37.92	21.28	CosZAvg	0.136	0.181	0.241	0.302	******	******	******	******	******	******	0.150	0.124
C	112	37.92	21.28	TransMax	0.484	0.554	0.609	0.686	******	******	******	******	******	******	0.646	0.526
C	112	37.92	21.28	TransMin	0.148	0.078	0.038	0.107	******	******	******	******	******	******	0.005	0.073
C	112	37.92	21.28	TransT5	0.475	0.554	0.609	0.686	******	******	******	******	******	******	0.646	0.526
C	112	37.92	21.28	Transl0	0.468	******	******	******	******	******	******	******	******	******	******	******
C	112	37.92	21.28	Transl5	0.468	******	0.579	0.602	******	******	******	******	******	******	******	0.526
C	112	37.92	21.28	Transl10	0.471	******	0.579	0.612	******	******	******	******	******	******	0.438	0.454
C	11	37.75	-25.67	SrfDwn	93	98	136	176	183	215	******	******	******	******	******	******
C	11	37.75	-25.67	TOADwn	194	254	334	409	461	481	******	******	******	******	******	******
C	11	37.75	-25.67	CosZAvg	0.137	0.182	0.242	0.302	0.345	0.364	******	******	******	******	******	******
C	11	37.75	-25.67	TransMax	0.767	0.663	0.632	0.675	0.684	0.646	******	******	******	******	******	******
C	11	37.75	-25.67	TransMin	0.122	0.070	0.131	0.142	0.050	0.168	******	******	******	******	******	******
C	11	37.75	-25.67	TransT5	0.767	0.650	0.624	0.675	0.646	0.646	******	******	******	******	******	******
C	11	37.75	-25.67	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	11	37.75	-25.67	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	11	37.75	-25.67	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
C	113	37.60	22.78	SrfDwn	80	84	126	224	225	239	255	242	172	122	84	63
C	113	37.60	22.78	TOADwn	195	255	334	409	461	481	470	428	361	281	211	177
C	113	37.60	22.78	CosZAvg	0.138	0.182	0.242	0.302	0.345	0.364	0.356	0.321	0.267	0.205	0.151	0.125
C	113	37.60	22.78	TransMax	0.656	0.583	0.603	0.783	0.658	0.614	0.599	0.639	0.680	0.924	0.514	0.452
C	113	37.60	22.78	TransMin	0.044	0.089	0.070	0.176	0.260	0.340	0.486	0.491	0.155	0.012	0.039	0.052
C	113	37.60	22.78	TransT5	0.644	0.569	0.590	0.783	0.658	0.609	0.583	0.622	0.680	0.924	0.508	0.450
C	113	37.60	22.78	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	113	37.60	22.78	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	113	37.60	22.78	Transl10	0.486	******	******	******	******	******	******	******	******	******	******	******
C	189	37.42	-5.90	SrfDwn	98	108	192	219	272	296	291	271	196	156	120	89
C	189	37.42	-5.90	TOADwn	196	256	335	410	461	481	470	428	361	282	212	178
C	189	37.42	-5.90	CosZAvg	0.139	0.183	0.243	0.303	0.345	0.364	0.356	0.321	0.268	0.205	0.152	0.126
C	189	37.42	-5.90	TransMax	0.686	0.687	0.725	0.714	0.722	0.707	0.677	0.695	0.683	0.689	0.686	0.658
C	189	37.42	-5.90	TransMin	0.105	0.159	0.145	0.206	0.209	0.197	0.441	0.499	0.189	0.268	0.136	0.177
C	189	37.42	-5.90	TransT5	0.674	0.667	0.708	0.708	0.699	0.685	0.658	0.672	0.678	0.657	0.649	0.636
C	189	37.42	-5.90	Transl0	0.685	******	******	******	******	******	******	******	******	******	******	******
C	189	37.42	-5.90	Transl5	0.680	******	0.702	******	******	******	******	******	******	******	0.639	0.628
C	189	37.42	-5.90	Transl10	0.680	0.536	0.692	0.704	0.689	0.679	******	******	******	0.668	0.630	0.632
C	152	37.08	14.22	SrfDwn	97	138	184	263	290	316	308	269	218	171	116	95
C	152	37.08	14.22	TOADwn	198	258	336	411	461	481	470	429	363	284	215	181
C	152	37.08	14.22	CosZAvg	0.141	0.184	0.244	0.303	0.346	0.364	0.356	0.322	0.269	0.207	0.154	0.128
C	152	37.08	14.22	TransMax	0.706	0.735	0.751	0.762	0.740	0.751	0.723	0.693	0.756	0.730	0.758	0.693
C	152	37.08	14.22	TransMin	0.166	0.204	0.155	0.232	0.277	0.494	0.480	0.384	0.200	0.216	0.077	0.128
C	152	37.08	14.22	TransT5	0.690	0.726	0.740	0.738	0.725	0.742	0.705	0.675	0.740	0.715	0.735	0.676
C	152	37.08	14.22	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	152	37.08	14.22	Transl5	******	0.735	******	******	******	0.702	******	0.650	0.651	******	******	******
C	152	37.08	14.22	Transl10	******	0.485	0.718	0.707	0.710	0.684	0.673	0.659	0.696	0.637	******	******
C	171	37.02	-7.97	SrfDwn	115	127	213	246	298	330	330	306	220	178	129	105
C	171	37.02	-7.97	TOADwn	199	259	337	411	461	481	470	429	363	285	215	181
C	171	37.02	-7.97	CosZAvg	0.141	0.185	0.244	0.304	0.346	0.364	0.356	0.322	0.269	0.207	0.154	0.128
C	171	37.02	-7.97	TransMax	0.733	0.741	0.749	0.747	0.757	0.767	0.761	0.763	0.725	0.735	0.742	0.742
C	171	37.02	-7.97	TransMin	0.221	0.216	0.189	0.219	0.259	0.467	0.536	0.541	0.139	0.300	0.174	0.187
C	171	37.02	-7.97	TransT5	0.712	0.725	0.736	0.732	0.733	0.748	0.738	0.740	0.706	0.721	0.721	0.725
C	171	37.02	-7.97	Transl0	0.733	******	0.741	0.735	******	******	******	******	******	0.735	******	0.730
C	171	37.02	-7.97	Transl5	0.705	******	0.743	0.735	0.737	0.746	0.703	0.735	0.704	0.716	0.706	0.706
C	171	37.02	-7.97	Transl10	0.707	0.741	0.743	0.733	0.733	0.746	0.710	0.736	0.708	0.710	0.690	0.700
C	2	36.87	10.35	SrfDwn	94	126	189	236	294	299	291	276	209	150	99	86
C	2	36.87	10.35	TOADwn	200	259	338	411	461	481	470	429	364	286	216	182
C	2	36.87	10.35	CosZAvg	0.142	0.185	0.245	0.304	0.346	0.364	0.356	0.322	0.269	0.208	0.155	0.129
C	2	36.87	10.35	TransMax	0.679	0.695	0.723	0.749	0.769	0.719	0.718	0.700	0.711	0.681	0.677	0.640
C	2	36.87	10.35	TransMin	0.151	0.166	0.149	0.111	0.050	0.294	0.243	0.488	0.219	0.158	0.116	0.120
C	2	36.87	10.35	TransT5	0.663	0.682	0.709	0.734	0.746	0.700	0.696	0.686	0.690	0.680	0.684	0.625
C	2	36.87	10.35	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	2	36.87	10.35	Transl5	0.679	******	******	******	******	******	******	******	******	******	******	******
C	2	36.87	10.35	Transl10	0.642	0.684	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C	153	36.82	11.97	SrfDwn	83	137	158	259	308	324	296	279	227	156	90	70
C	153	36.82	11.97	TosDwn	200	260	336	412	461	461	470	429	364	286	216	183
C	153	36.82	11.97	CosZAvg	0.142	0.186	0.245	0.304	0.346	0.364	0.356	0.322	0.270	0.208	0.155	0.129
C	153	36.82	11.97	TransMax	0.599	0.840	0.779	0.828	0.804	0.749	0.754	0.752	0.797	0.782	0.742	0.783
C	153	36.82	11.97	TransMin	0.152	0.157	0.216	0.161	0.179	0.445	0.242	0.395	0.123	0.088	0.120	0.113
C	153	36.82	11.97	TransT5	0.596	0.820	0.779	0.811	0.781	0.734	0.733	0.736	0.780	0.782	0.742	0.783
C	153	36.82	11.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	153	36.82	11.97	Transl5	0.296	******	******	******	******	******	******	******	******	******	******	******
C	153	36.82	11.97	Transl10	0.378	0.736	******	******	******	******	******	******	******	******	******	******
C	114	35.00	24.75	SrfDwn	******	******	146	146	******	252	275	240	179	130	89	79
C	114	35.00	24.75	TosDwn	******	******	346	416	******	480	470	432	371	296	229	196
C	114	35.00	24.75	CosZAvg	******	******	0.251	0.307	******	0.363	0.356	0.325	0.275	0.216	0.164	0.139
C	114	35.00	24.75	TransMax	******	******	0.642	0.531	******	0.671	0.706	0.672	0.574	0.642	0.653	0.668
C	114	35.00	24.75	TransMin	******	******	0.076	0.083	******	0.231	0.498	0.271	0.079	0.162	0.084	0.234
C	114	35.00	24.75	TransT5	******	******	0.628	0.522	******	0.654	0.706	0.672	0.563	0.630	0.653	0.668
C	114	35.00	24.75	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
C	114	35.00	24.75	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
C	114	35.00	24.75	Transl10	******	******	******	0.482	******	0.578	0.584	******	0.456	0.485	******	0.387
D	69	59.97	30.30	SrfDwn	11	52	93	157	196	276	219	155	84	47	12	10
D	69	59.97	30.30	TosDwn	41	101	201	322	424	473	449	361	246	135	57	27
D	69	59.97	30.30	CosZAvg	0.029	0.072	0.146	0.236	0.318	0.358	0.340	0.271	0.182	0.098	0.041	0.019
D	69	59.97	30.30	TransMax	0.549	0.719	0.718	0.765	0.730	0.736	0.761	0.703	0.742	0.684	0.623	0.597
D	69	59.97	30.30	TransMin	0.098	0.206	0.142	0.134	0.090	0.149	0.102	0.055	0.087	0.077	0.031	0.114
D	69	59.97	30.30	TransT5	0.549	0.708	0.700	0.758	0.711	0.725	0.761	0.694	0.742	0.684	0.623	0.584
D	69	59.97	30.30	Transl0	******	0.599	******	******	******	0.732	******	******	******	0.684	******	******
D	69	59.97	30.30	Transl5	******	0.537	0.524	0.625	0.678	0.719	******	0.662	******	0.637	******	******
D	69	59.97	30.30	Transl10	******	0.548	0.496	0.625	0.678	0.719	0.675	0.656	******	0.637	******	******
D	47	59.37	143.20	SrfDwn	20	57	132	156	187	******	178	******	102	70	29	15
D	47	59.37	143.20	TosDwn	45	104	204	323	424	******	450	******	251	140	62	31
D	47	59.37	143.20	CosZAvg	0.032	0.074	0.148	0.239	0.318	******	0.341	******	0.186	0.102	0.044	0.022
D	47	59.37	143.20	TransMax	0.637	0.739	0.752	0.700	0.703	******	0.711	******	0.700	0.717	0.628	0.685
D	47	59.37	143.20	TransMin	0.147	0.152	0.394	0.131	0.107	******	0.080	******	0.094	0.056	0.100	0.218
D	47	59.37	143.20	TransT5	0.628	0.716	0.739	0.682	0.703	******	0.707	******	0.686	0.717	0.621	0.670
D	47	59.37	143.20	Transl0	******	******	0.698	******	******	******	******	******	******	******	******	******
D	47	59.37	143.20	Transl5	******	0.570	0.697	0.668	******	******	******	******	0.659	******	******	******
D	47	59.37	143.20	Transl10	0.637	0.601	0.682	0.668	0.618	******	0.706	******	0.646	0.604	******	******
D	48	56.80	60.63	SrfDwn	27	62	122	187	202	259	218	188	114	63	35	22
D	48	56.80	60.63	TosDwn	61	123	222	337	431	475	453	373	265	157	78	45
D	48	56.80	60.63	CosZAvg	0.043	0.088	0.161	0.249	0.323	0.360	0.343	0.281	0.196	0.114	0.056	0.032
D	48	56.80	60.63	TransMax	0.608	0.699	0.772	0.731	0.747	0.774	0.683	0.706	0.715	0.657	0.682	0.682
D	48	56.80	60.63	TransMin	0.167	0.314	0.224	0.209	0.087	0.220	0.110	0.135	0.108	0.111	0.195	0.295
D	48	56.80	60.63	TransT5	0.595	0.681	0.754	0.716	0.740	0.752	0.663	0.692	0.702	0.653	0.668	0.664
D	48	56.80	60.63	Transl0	******	0.634	0.741	******	******	******	******	******	******	0.579	******	******
D	48	56.80	60.63	Transl5	0.439	0.592	0.717	******	0.734	******	******	0.706	0.690	0.586	******	******
D	48	56.80	60.63	Transl10	0.439	0.582	0.656	0.729	0.734	******	******	0.706	0.690	0.586	******	******
D	70	55.75	37.57	SrfDwn	22	73	105	91	246	232	218	170	99	63	20	15
D	70	55.75	37.57	TosDwn	68	130	229	342	433	476	455	377	271	164	85	52
D	70	55.75	37.57	CosZAvg	0.048	0.093	0.166	0.252	0.325	0.360	0.344	0.283	0.201	0.120	0.061	0.037
D	70	55.75	37.57	TransMax	0.601	0.750	0.748	0.590	0.723	0.710	0.745	0.722	0.630	0.715	0.620	0.596
D	70	55.75	37.57	TransMin	0.140	0.283	0.107	0.046	0.300	0.052	0.105	0.046	0.105	0.055	0.055	0.044
D	70	55.75	37.57	TransT5	0.590	0.727	0.732	0.590	0.706	0.690	0.745	0.707	0.621	0.703	0.620	0.596
D	70	55.75	37.57	Transl0	******	0.661	0.681	******	0.702	0.660	******	******	******	0.630	0.212	******
D	70	55.75	37.57	Transl5	******	0.651	0.650	0.572	0.696	0.656	0.682	0.664	******	0.630	0.212	******
D	70	55.75	37.57	Transl10	0.364	0.632	0.582	0.572	0.696	0.663	0.682	0.649	******	0.608	0.212	******
D	71	55.70	37.50	SrfDwn	19	72	104	105	250	239	223	178	101	62	23	18
D	71	55.70	37.50	TosDwn	68	131	230	342	433	476	455	377	271	165	85	52
D	71	55.70	37.50	CosZAvg	0.048	0.093	0.167	0.253	0.325	0.360	0.344	0.283	0.201	0.120	0.061	0.037
D	71	55.70	37.50	TransMax	0.565	0.686	0.729	0.629	0.738	0.715	0.733	0.723	0.589	0.689	0.601	0.569
D	71	55.70	37.50	TransMin	0.081	0.305	0.094	0.080	0.284	0.054	0.100	0.058	0.103	0.091	0.072	0.080
D	71	55.70	37.50	TransT5	0.565	0.671	0.713	0.621	0.725	0.704	0.725	0.707	0.581	0.689	0.591	0.556
D	71	55.70	37.50	Transl0	******	0.610	0.670	******	0.726	0.704	******	******	******	0.612	0.265	******
D	71	55.70	37.50	Transl5	******	0.608	0.619	0.621	0.715	0.678	0.721	0.684	******	0.612	0.265	******
D	71	55.70	37.50	Transl10	0.194	0.590	0.551	0.621	0.715	0.691	0.721	0.681	******	0.584	0.265	******
D	49	54.93	73.40	SrfDwn	36	80	144	198	191	234	228	169	131	74	40	27
D	49	54.93	73.40	TosDwn	73	136	234	345	435	477	456	380	276	170	91	57
D	49	54.93	73.40	CosZAvg	0.052	0.097	0.170	0.255	0.326	0.361	0.345	0.286	0.204	0.124	0.065	0.040
D	49	54.93	73.40	TransMax	0.676	0.753	0.803	0.755	0.728	0.752	0.706	0.657	0.710	0.735	0.692	0.619
D	49	54.93	73.40	TransMin	0.270	0.381	0.396	0.132	0.103	0.191	0.133	0.123	0.174	0.091	0.126	0.279
D	49	54.93	73.40	TransT5	0.662	0.744	0.781	0.754	0.728	0.734	0.700	0.655	0.695	0.735	0.686	0.608
D	49	54.93	73.40	Transl0	0.582	0.731	0.697	******	******	******	******	******	******	******	******	******
D	49	54.93	73.40	Transl5	0.493	0.684	0.673	0.693	******	0.727	0.626	******	0.686	0.602	0.492	******
D	49	54.93	73.40	Transl10	0.519	0.658	0.669	0.692	0.728	0.705	0.626	0.654	0.656	0.602	0.492	******

Table 9 Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	50	53.25	50.45	SrfDwn	33	80	134	195	258	264	214	194	120	53	31	22
D	50	53.25	50.45	TopDwn	85	148	245	353	438	478	458	386	285	182	102	68
D	50	53.25	50.45	CosZAvg	0.080	0.108	0.178	0.261	0.329	0.362	0.347	0.290	0.211	0.132	0.073	0.046
D	50	53.25	50.45	TransMax	0.705	0.827	0.739	0.728	0.838	0.763	0.687	0.720	0.698	0.642	0.825	0.623
D	50	53.25	50.45	TransMin	0.110	0.185	0.148	0.154	0.113	0.266	0.150	0.214	0.092	0.055	0.048	0.105
D	50	53.25	50.45	TransT5	0.694	0.823	0.722	0.718	0.838	0.757	0.687	0.705	0.698	0.627	0.825	0.612
D	50	53.25	50.45	Transl0	0.447	0.624	0.383	******	******	******	******	******	******	0.642	0.471	0.266
D	50	53.25	50.45	Transl5	0.411	0.685	0.626	******	******	******	******	******	******	0.642	0.412	0.266
D	50	53.25	50.45	Transl10	0.385	0.616	0.592	******	0.838	******	0.574	0.690	******	0.642	0.412	0.266
D	51	52.97	158.75	SrfDwn	36	79	144	196	179	246	218	168	138	76	52	32
D	51	52.97	158.75	TopDwn	86	149	246	353	438	478	459	386	286	184	105	70
D	51	52.97	158.75	CosZAvg	0.081	0.108	0.178	0.261	0.329	0.362	0.347	0.291	0.213	0.134	0.075	0.049
D	51	52.97	158.75	TransMax	0.720	0.732	0.792	0.793	0.779	0.755	0.686	0.719	0.693	0.700	0.713	0.681
D	51	52.97	158.75	TransMin	0.091	0.192	0.226	0.144	0.081	0.095	0.073	0.090	0.085	0.028	0.073	0.111
D	51	52.97	158.75	TransT5	0.720	0.729	0.775	0.774	0.784	0.743	0.674	0.705	0.682	0.687	0.694	0.683
D	51	52.97	158.75	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	51	52.97	158.75	Transl5	******	0.732	******	0.742	0.735	0.749	******	******	******	******	******	******
D	51	52.97	158.75	Transl10	0.659	0.698	0.734	0.742	0.735	0.749	******	******	0.670	0.549	0.671	******
D	52	52.27	104.35	SrfDwn	36	75	136	171	209	196	229	167	142	83	41	32
D	52	52.27	104.35	TopDwn	91	154	251	357	440	478	460	390	291	189	109	74
D	52	52.27	104.35	CosZAvg	0.084	0.110	0.182	0.263	0.330	0.362	0.348	0.293	0.216	0.137	0.078	0.053
D	52	52.27	104.35	TransMax	0.569	0.640	0.698	0.692	0.690	0.669	0.730	0.690	0.687	0.683	0.646	0.615
D	52	52.27	104.35	TransMin	0.164	0.205	0.220	0.058	0.077	0.111	0.035	0.094	0.056	0.088	0.171	0.194
D	52	52.27	104.35	TransT5	0.561	0.630	0.691	0.678	0.678	0.654	0.719	0.679	0.671	0.662	0.646	0.612
D	52	52.27	104.35	Transl0	0.383	******	******	******	******	******	******	******	******	******	******	0.515
D	52	52.27	104.35	Transl5	0.383	0.602	******	******	******	******	******	******	******	0.638	0.290	0.563
D	52	52.27	104.35	Transl10	0.383	0.568	******	******	******	******	0.730	******	0.594	0.624	0.368	0.563
D	53	52.02	113.33	SrfDwn	50	96	146	225	245	242	225	228	181	102	53	35
D	53	52.02	113.33	TopDwn	93	156	252	358	440	479	460	391	293	190	111	76
D	53	52.02	113.33	CosZAvg	0.086	0.112	0.183	0.264	0.330	0.362	0.348	0.293	0.217	0.139	0.080	0.054
D	53	52.02	113.33	TransMax	0.680	0.707	0.738	0.734	0.749	0.754	0.711	0.752	0.771	0.712	0.621	0.660
D	53	52.02	113.33	TransMin	0.338	0.341	0.234	0.384	0.189	0.224	0.103	0.166	0.382	0.151	0.203	0.244
D	53	52.02	113.33	TransT5	0.680	0.686	0.725	0.714	0.741	0.741	0.700	0.732	0.755	0.712	0.609	0.660
D	53	52.02	113.33	Transl0	0.618	0.677	******	******	******	******	******	******	0.700	0.611	0.567	0.550
D	53	52.02	113.33	Transl5	0.611	0.662	0.706	******	******	******	******	0.723	0.695	0.607	0.569	0.544
D	53	52.02	113.33	Transl10	0.611	0.662	0.706	0.711	******	******	0.636	0.731	0.695	0.610	0.524	0.543
D	72	50.40	30.45	SrfDwn	39	90	131	178	291	251	237	220	149	75	29	37
D	72	50.40	30.45	TopDwn	104	168	263	365	444	480	462	395	301	201	122	87
D	72	50.40	30.45	CosZAvg	0.074	0.120	0.191	0.270	0.333	0.363	0.349	0.297	0.223	0.146	0.087	0.061
D	72	50.40	30.45	TransMax	0.703	0.731	0.799	0.740	0.771	0.687	0.698	0.731	0.767	0.637	0.761	0.660
D	72	50.40	30.45	TransMin	0.182	0.231	0.155	0.114	0.478	0.230	0.242	0.255	0.104	0.046	0.028	0.082
D	72	50.40	30.45	TransT5	0.691	0.718	0.792	0.734	0.746	0.680	0.682	0.719	0.755	0.626	0.761	0.660
D	72	50.40	30.45	Transl0	0.322	0.635	******	0.693	******	0.683	******	******	******	******	******	******
D	72	50.40	30.45	Transl5	0.532	0.621	0.592	0.694	0.733	0.685	******	0.673	******	0.637	******	******
D	72	50.40	30.45	Transl10	0.505	0.604	0.590	0.694	0.728	0.685	0.689	0.702	******	0.629	******	******
D	33	50.35	80.25	SrfDwn	52	103	156	202	223	269	273	227	164	86	62	34
D	33	50.35	80.25	TopDwn	104	168	263	365	444	480	462	396	301	201	122	87
D	33	50.35	80.25	CosZAvg	0.074	0.120	0.191	0.269	0.333	0.363	0.350	0.297	0.223	0.147	0.088	0.062
D	33	50.35	80.25	TransMax	0.667	0.789	0.774	0.784	0.744	0.761	0.736	0.723	0.727	0.738	0.743	0.629
D	33	50.35	80.25	TransMin	0.117	0.097	0.176	0.229	0.203	0.149	0.256	0.360	0.089	0.072	0.093	0.097
D	33	50.35	80.25	TransT5	0.654	0.784	0.750	0.779	0.723	0.754	0.722	0.700	0.703	0.738	0.729	0.629
D	33	50.35	80.25	Transl0	******	0.727	******	******	******	0.723	******	******	0.638	0.654	******	******
D	33	50.35	80.25	Transl5	******	0.693	******	******	******	0.734	0.700	******	0.661	0.650	******	******
D	33	50.35	80.25	Transl10	0.538	0.702	0.700	******	0.718	0.739	0.717	0.707	0.661	0.597	0.483	******
D	39	49.80	92.08	SrfDwn	51	99	155	206	227	220	246	210	152	112	56	42
D	39	49.80	92.08	TopDwn	108	172	266	367	445	480	463	398	304	205	126	91
D	39	49.80	92.08	CosZAvg	0.077	0.123	0.193	0.271	0.333	0.363	0.350	0.299	0.225	0.149	0.091	0.064
D	39	49.80	92.08	TransMax	0.613	0.814	0.747	0.691	0.700	0.718	0.804	0.754	0.850	0.752	0.713	0.632
D	39	49.80	92.08	TransMin	0.276	0.387	0.192	0.250	0.273	0.141	0.087	0.188	0.092	0.204	0.178	0.200
D	39	49.80	92.08	TransT5	0.593	0.814	0.747	0.674	0.694	0.704	0.784	0.734	0.850	0.744	0.713	0.624
D	39	49.80	92.08	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	39	49.80	92.08	Transl5	0.583	******	******	******	******	******	******	******	******	******	******	0.556
D	39	49.80	92.08	Transl10	0.530	0.630	0.684	******	******	******	******	******	******	0.687	0.547	0.465
D	40	49.63	100.17	SrfDwn	73	127	183	233	278	216	251	185	192	121	87	61
D	40	49.63	100.17	TopDwn	109	173	267	368	445	480	463	398	305	206	128	92
D	40	49.63	100.17	CosZAvg	0.077	0.124	0.194	0.271	0.334	0.363	0.350	0.299	0.226	0.150	0.091	0.065
D	40	49.63	100.17	TransMax	0.819	0.852	0.859	0.861	0.986	0.819	0.801	0.737	0.859	0.815	0.941	0.885
D	40	49.63	100.17	TransMin	0.454	0.516	0.448	0.249	0.236	0.103	0.175	0.175	0.236	0.124	0.394	0.295
D	40	49.63	100.17	TransT5	0.809	0.849	0.858	0.879	0.986	0.805	0.783	0.736	0.844	0.793	0.929	0.879
D	40	49.63	100.17	Transl0	0.675	******	******	******	******	******	******	******	0.812	******	0.718	0.731
D	40	49.63	100.17	Transl5	0.691	0.726	0.617	******	******	0.650	0.706	******	0.784	******	0.718	0.716
D	40	49.63	100.17	Transl10	0.691	0.729	0.715	0.777	0.617	0.650	0.687	0.683	0.784	0.750	0.786	0.726

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	54	48.52	135.17	SrfDwn	66	114	156	191	229	293	253	187	181	132	73	53
D	54	48.52	135.17	TotDwn	117	180	273	372	447	461	464	402	312	214	136	100
D	54	48.52	135.17	CosZAvg	0.083	0.129	0.198	0.274	0.335	0.364	0.351	0.302	0.231	0.156	0.097	0.071
D	54	48.52	135.17	TransMax	0.663	0.717	0.780	0.780	0.788	0.777	0.786	0.762	0.804	0.836	0.708	0.655
D	54	48.52	135.17	TransMin	0.313	0.384	0.232	0.104	0.120	0.337	0.086	0.121	0.098	0.165	0.176	0.209
D	54	48.52	135.17	TransT5	0.643	0.690	0.772	0.755	0.775	0.752	0.767	0.748	0.790	0.810	0.685	0.643
D	54	48.52	135.17	Transl0	0.498	0.689	******	******	******	******	******	******	0.790	0.747	0.648	0.626
D	54	48.52	135.17	Transl5	0.543	0.671	0.704	0.675	******	******	******	0.749	0.747	0.745	0.648	0.611
D	54	48.52	135.17	Transl10	0.536	0.673	0.676	0.675	******	0.777	******	0.749	0.742	0.739	0.649	0.598
D	41	47.93	108.98	SrfDwn	64	108	177	239	248	244	234	204	186	123	78	51
D	41	47.93	108.98	TotDwn	121	185	277	374	448	461	465	403	314	218	140	104
D	41	47.93	108.98	CosZAvg	0.086	0.132	0.201	0.276	0.336	0.364	0.352	0.303	0.233	0.158	0.100	0.074
D	41	47.93	108.98	TransMax	0.730	0.818	0.809	0.858	0.843	0.798	0.826	0.761	0.736	0.802	0.733	0.647
D	41	47.93	108.98	TransMin	0.347	0.345	0.253	0.290	0.123	0.094	0.143	0.086	0.240	0.200	0.247	0.246
D	41	47.93	108.98	TransT5	0.730	0.816	0.798	0.839	0.826	0.781	0.819	0.753	0.711	0.802	0.721	0.646
D	41	47.93	108.98	Transl0	******	0.829	******	******	******	******	******	******	******	0.690	******	0.474
D	41	47.93	108.98	Transl5	******	0.822	******	******	******	******	******	******	0.686	0.690	******	0.532
D	41	47.93	108.98	Transl10	0.571	0.604	0.793	******	******	******	******	******	0.672	0.657	******	0.546
D	42	47.75	96.85	SrfDwn	69	116	184	217	225	225	199	174	150	119	83	57
D	42	47.75	96.85	TotDwn	122	186	278	375	448	461	465	404	315	219	141	105
D	42	47.75	96.85	CosZAvg	0.087	0.133	0.202	0.277	0.336	0.364	0.352	0.303	0.233	0.159	0.101	0.074
D	42	47.75	96.85	TransMax	0.716	0.806	0.786	0.880	0.746	0.762	0.735	0.743	0.726	0.816	0.936	0.866
D	42	47.75	96.85	TransMin	0.264	0.284	0.302	0.275	0.148	0.197	0.088	0.147	0.155	0.191	0.279	0.238
D	42	47.75	96.85	TransT5	0.702	0.806	0.767	0.880	0.743	0.746	0.716	0.726	0.713	0.795	0.936	0.866
D	42	47.75	96.85	Transl0	0.558	******	******	******	******	******	******	******	0.622	******	0.670	0.646
D	42	47.75	96.85	Transl5	0.600	******	******	******	******	******	******	******	0.594	0.721	0.670	0.605
D	42	47.75	96.85	Transl10	0.613	0.667	******	******	0.746	0.762	0.702	******	0.638	0.686	0.614	0.631
D	55	46.92	142.73	SrfDwn	69	116	170	176	207	254	209	185	157	115	64	54
D	55	46.92	142.73	TotDwn	128	191	283	378	449	481	466	406	320	225	147	111
D	55	46.92	142.73	CosZAvg	0.091	0.137	0.205	0.279	0.337	0.364	0.353	0.305	0.237	0.163	0.105	0.079
D	55	46.92	142.73	TransMax	0.702	0.755	0.781	0.756	0.736	0.745	0.689	0.657	0.718	0.717	0.689	0.633
D	55	46.92	142.73	TransMin	0.194	0.235	0.248	0.067	0.099	0.125	0.102	0.110	0.104	0.176	0.160	0.238
D	55	46.92	142.73	TransT5	0.688	0.744	0.781	0.738	0.726	0.722	0.689	0.650	0.711	0.695	0.689	0.620
D	55	46.92	142.73	Transl0	******	******	0.716	******	******	******	******	******	******	******	******	******
D	55	46.92	142.73	Transl5	******	******	0.716	0.725	******	******	******	******	******	0.689	******	******
D	55	46.92	142.73	Transl10	******	******	0.716	0.739	******	0.745	******	******	0.686	0.664	******	******
D	34	46.78	61.67	SrfDwn	******	122	166	******	262	301	287	245	187	110	66	43
D	34	46.78	61.67	TotDwn	******	193	284	******	450	481	465	406	320	225	147	112
D	34	46.78	61.67	CosZAvg	******	0.138	0.206	******	0.337	0.364	0.352	0.305	0.237	0.164	0.106	0.079
D	34	46.78	61.67	TransMax	******	0.827	0.782	******	0.738	0.731	0.705	0.708	0.723	0.677	0.704	0.621
D	34	46.78	61.67	TransMin	******	0.236	0.219	******	0.305	0.420	0.375	0.366	0.159	0.115	0.139	0.100
D	34	46.78	61.67	TransT5	******	0.827	0.763	******	0.721	0.719	0.684	0.694	0.710	0.659	0.704	0.612
D	34	46.78	61.67	Transl0	******	0.731	0.523	******	******	******	0.670	******	******	0.677	0.632	******
D	34	46.78	61.67	Transl5	******	0.711	0.584	******	0.713	0.731	0.662	0.653	0.656	0.639	0.607	0.389
D	34	46.78	61.67	Transl10	******	0.717	0.670	******	0.699	0.729	0.650	0.684	0.655	0.644	0.607	0.403
D	73	46.48	30.63	SrfDwn	39	60	104	178	273	243	234	214	173	91	51	38
D	73	46.48	30.63	TotDwn	132	195	286	380	451	482	466	407	321	226	149	114
D	73	46.48	30.63	CosZAvg	0.093	0.140	0.208	0.281	0.338	0.364	0.353	0.306	0.238	0.165	0.107	0.081
D	73	46.48	30.63	TransMax	0.639	0.657	0.679	0.650	0.693	0.667	0.649	0.641	0.765	0.684	0.731	0.664
D	73	46.48	30.63	TransMin	0.044	0.039	0.166	0.141	0.250	0.254	0.239	0.373	0.090	0.032	0.072	0.054
D	73	46.48	30.63	TransT5	0.639	0.644	0.675	0.636	0.671	0.654	0.631	0.629	0.746	0.689	0.731	0.651
D	73	46.48	30.63	Transl0	******	******	******	******	******	******	******	******	******	******	******	0.578
D	73	46.48	30.63	Transl5	0.597	0.638	******	******	******	0.660	******	0.530	0.705	******	******	0.572
D	73	46.48	30.63	Transl10	0.567	0.638	0.679	0.620	0.646	0.647	0.631	0.535	0.671	0.604	******	0.572
D	17	43.33	145.58	SrfDwn	82	143	167	183	218	218	176	146	159	127	89	65
D	17	43.33	145.58	TotDwn	154	216	303	391	455	482	468	416	337	247	172	136
D	17	43.33	145.58	CosZAvg	0.109	0.154	0.220	0.289	0.341	0.365	0.355	0.313	0.250	0.180	0.123	0.097
D	17	43.33	145.58	TransMax	0.749	0.775	0.773	0.726	0.709	0.717	0.670	0.688	0.696	0.705	0.707	0.685
D	17	43.33	145.58	TransMin	0.121	0.449	0.152	0.093	0.105	0.081	0.092	0.059	0.059	0.080	0.099	0.049
D	17	43.33	145.58	TransT5	0.729	0.759	0.746	0.708	0.689	0.693	0.680	0.686	0.690	0.690	0.696	0.669
D	17	43.33	145.58	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	17	43.33	145.58	Transl5	******	******	******	0.710	******	******	******	******	0.675	0.704	******	******
D	17	43.33	145.58	Transl10	******	******	0.735	0.673	******	******	******	******	0.682	0.704	******	******
D	56	43.12	131.90	SrfDwn	91	136	166	205	245	172	136	144	166	147	100	74
D	56	43.12	131.90	TotDwn	155	217	304	392	455	482	468	416	338	249	173	138
D	56	43.12	131.90	CosZAvg	0.110	0.155	0.221	0.289	0.341	0.365	0.355	0.313	0.250	0.181	0.124	0.098
D	56	43.12	131.90	TransMax	0.706	0.773	0.759	0.749	0.753	0.737	0.534	0.690	0.729	0.734	0.738	0.721
D	56	43.12	131.90	TransMin	0.187	0.364	0.125	0.073	0.071	0.024	0.038	0.106	0.093	0.212	0.115	0.178
D	56	43.12	131.90	TransT5	0.682	0.773	0.739	0.734	0.733	0.719	0.527	0.673	0.711	0.722	0.721	0.708
D	56	43.12	131.90	Transl0	0.630	******	******	******	******	******	******	******	0.685	0.727	******	0.650
D	56	43.12	131.90	Transl5	0.636	0.677	0.714	******	******	******	******	******	0.705	0.683	0.689	0.660
D	56	43.12	131.90	Transl10	0.629	0.701	0.722	******	0.716	0.711	******	0.618	0.664	0.672	0.682	0.661

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	18	43.05	141.33	SrfDwn	69	108	136	167	177	230	173	179	156	100	66	53
D	18	43.05	141.33	TopDwn	156	218	304	392	455	482	469	417	338	249	174	138
D	18	43.05	141.33	CosZAvg	0.110	0.156	0.221	0.289	0.341	0.365	0.355	0.313	0.250	0.181	0.125	0.098
D	18	43.05	141.33	TransMax	0.667	0.707	0.683	0.707	0.704	0.709	0.670	0.642	0.651	0.666	0.683	0.639
D	18	43.05	141.33	TransMin	0.103	0.336	0.165	0.079	0.104	0.118	0.128	0.081	0.128	0.089	0.089	0.076
D	18	43.05	141.33	TransT5	0.659	0.696	0.688	0.696	0.686	0.702	0.670	0.631	0.637	0.659	0.683	0.639
D	18	43.05	141.33	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	18	43.05	141.33	Transl5	******	******	******	******	******	******	******	******	******	0.653	******	******
D	18	43.05	141.33	Transl10	******	******	0.629	0.642	0.645	******	******	0.606	0.640	0.628	******	******
D	68	41.68	44.95	SrfDwn	******	******	******	******	******	******	******	187	189	99	51	40
D	68	41.68	44.95	TopDwn	******	******	******	******	******	******	******	419	344	257	183	148
D	68	41.68	44.95	CosZAvg	******	******	******	******	******	******	******	0.315	0.255	0.187	0.131	0.105
D	68	41.68	44.95	TransMax	******	******	******	******	******	******	******	0.529	0.621	0.589	0.693	0.443
D	68	41.68	44.95	TransMin	******	******	******	******	******	******	******	0.212	0.155	0.076	0.089	0.083
D	68	41.68	44.95	TransT5	******	******	******	******	******	******	******	0.518	0.621	0.583	0.693	0.443
D	68	41.68	44.95	Transl0	******	******	******	******	******	******	******	******	0.484	******	******	******
D	68	41.68	44.95	Transl5	******	******	******	******	******	******	******	0.503	0.489	0.483	******	0.389
D	68	41.68	44.95	Transl10	******	******	******	******	******	******	******	0.502	0.482	0.445	******	0.381
D	35	41.68	129.68	SrfDwn	89	130	177	189	198	151	110	144	161	127	106	66
D	35	41.68	129.68	TopDwn	165	227	312	396	457	482	469	420	344	258	183	148
D	35	41.68	129.68	CosZAvg	0.117	0.162	0.226	0.293	0.342	0.365	0.355	0.315	0.255	0.187	0.131	0.105
D	35	41.68	129.68	TransMax	0.768	0.717	0.765	0.719	0.687	0.726	0.483	0.697	0.774	0.723	0.728	0.702
D	35	41.68	129.68	TransMin	0.187	0.269	0.105	0.079	0.097	0.053	0.064	0.055	0.068	0.072	0.062	0.092
D	35	41.68	129.68	TransT5	0.768	0.697	0.745	0.704	0.670	0.711	0.483	0.692	0.774	0.712	0.712	0.702
D	35	41.68	129.68	Transl0	0.702	******	******	******	******	******	******	******	******	0.636	0.682	0.606
D	35	41.68	129.68	Transl5	0.579	0.673	0.648	******	******	******	******	******	0.665	0.661	0.682	0.629
D	35	41.68	129.68	Transl10	0.586	0.659	0.645	******	******	******	******	******	0.695	0.671	0.682	0.621
D	62	41.27	69.27	SrfDwn	70	109	154	233	322	319	327	285	226	150	89	65
D	62	41.27	69.27	TopDwn	169	230	315	398	457	482	469	420	346	260	186	151
D	62	41.27	69.27	CosZAvg	0.119	0.165	0.228	0.294	0.343	0.365	0.355	0.316	0.256	0.189	0.133	0.107
D	62	41.27	69.27	TransMax	0.699	0.774	0.779	0.774	0.821	0.749	0.766	0.746	0.732	0.714	0.707	0.746
D	62	41.27	69.27	TransMin	0.061	0.106	0.111	0.112	0.113	0.381	0.217	0.531	0.091	0.215	0.120	0.080
D	62	41.27	69.27	TransT5	0.699	0.763	0.770	0.760	0.800	0.733	0.746	0.728	0.714	0.699	0.707	0.746
D	62	41.27	69.27	Transl0	******	******	******	******	******	******	******	******	******	0.647	******	0.682
D	62	41.27	69.27	Transl5	0.593	******	******	******	******	******	0.732	0.682	0.673	0.665	0.461	0.673
D	62	41.27	69.27	Transl10	0.591	0.669	0.712	0.763	0.787	0.729	0.722	0.678	0.676	0.651	0.460	0.664
D	19	39.72	140.10	SrfDwn	56	90	130	173	197	235	179	201	166	102	63	51
D	19	39.72	140.10	TopDwn	179	240	322	402	459	482	470	424	353	270	197	162
D	19	39.72	140.10	CosZAvg	0.127	0.172	0.234	0.297	0.344	0.365	0.356	0.319	0.261	0.196	0.141	0.115
D	19	39.72	140.10	TransMax	0.661	0.667	0.707	0.701	0.701	0.725	0.649	0.663	0.680	0.675	0.618	0.625
D	19	39.72	140.10	TransMin	0.155	0.214	0.051	0.076	0.089	0.094	0.089	0.091	0.096	0.074	0.086	0.071
D	19	39.72	140.10	TransT5	0.661	0.667	0.690	0.692	0.691	0.710	0.638	0.648	0.663	0.675	0.605	0.620
D	19	39.72	140.10	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	19	39.72	140.10	Transl5	******	******	******	******	******	0.708	******	******	******	******	******	******
D	19	39.72	140.10	Transl10	******	******	0.620	******	0.701	0.692	0.520	******	******	******	******	0.590
D	20	39.65	141.97	SrfDwn	90	125	142	179	204	210	164	191	158	103	102	80
D	20	39.65	141.97	TopDwn	180	240	323	403	459	482	470	424	353	270	198	162
D	20	39.65	141.97	CosZAvg	0.127	0.172	0.234	0.297	0.344	0.365	0.356	0.319	0.262	0.197	0.142	0.115
D	20	39.65	141.97	TransMax	0.689	0.729	0.690	0.704	0.720	0.713	0.663	0.656	0.667	0.679	0.665	0.671
D	20	39.65	141.97	TransMin	0.119	0.121	0.099	0.066	0.086	0.079	0.097	0.065	0.059	0.064	0.205	0.091
D	20	39.65	141.97	TransT5	0.671	0.721	0.682	0.684	0.720	0.695	0.663	0.639	0.659	0.677	0.648	0.658
D	20	39.65	141.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	20	39.65	141.97	Transl5	******	******	******	******	******	0.693	******	******	0.667	******	******	0.649
D	20	39.65	141.97	Transl10	******	******	0.632	******	******	0.692	******	******	0.667	0.640	******	0.649
D	36	39.03	125.78	SrfDwn	107	141	167	201	222	193	124	121	181	127	104	67
D	36	39.03	125.78	TopDwn	184	245	326	405	459	482	470	425	356	274	202	167
D	36	39.03	125.78	CosZAvg	0.131	0.175	0.236	0.299	0.344	0.364	0.356	0.320	0.264	0.199	0.145	0.118
D	36	39.03	125.78	TransMax	0.746	0.720	0.714	0.710	0.738	0.684	0.717	0.603	0.724	0.734	0.684	0.652
D	36	39.03	125.78	TransMin	0.137	0.145	0.051	0.034	0.046	0.037	0.046	0.017	0.045	0.132	0.071	0.141
D	36	39.03	125.78	TransT5	0.729	0.710	0.694	0.705	0.724	0.684	0.717	0.593	0.712	0.734	0.672	0.641
D	36	39.03	125.78	Transl0	******	******	******	******	******	******	******	******	0.651	******	0.615	0.557
D	36	39.03	125.78	Transl5	0.581	0.669	0.659	0.691	******	******	******	******	0.649	0.682	0.618	0.510
D	36	39.03	125.78	Transl10	0.633	0.684	0.685	0.650	******	0.684	******	******	0.679	0.668	0.615	0.499
D	37	38.03	125.70	SrfDwn	115	154	174	217	227	195	131	177	189	128	99	82
D	37	38.03	125.70	TopDwn	191	251	331	407	460	481	470	427	360	280	209	174
D	37	38.03	125.70	CosZAvg	0.136	0.179	0.240	0.301	0.345	0.364	0.356	0.321	0.267	0.203	0.150	0.123
D	37	38.03	125.70	TransMax	0.737	0.930	0.735	0.755	0.745	0.720	0.710	0.808	0.728	0.757	0.702	0.713
D	37	38.03	125.70	TransMin	0.166	0.042	0.033	0.063	0.035	0.015	0.027	0.019	0.051	0.054	0.091	0.080
D	37	38.03	125.70	TransT5	0.719	0.930	0.718	0.741	0.735	0.720	0.708	0.808	0.716	0.745	0.684	0.699
D	37	38.03	125.70	Transl0	******	******	******	******	******	******	******	******	0.713	******	0.561	0.654
D	37	38.03	125.70	Transl5	0.611	0.693	0.616	0.710	******	******	******	******	0.693	0.670	0.608	0.653
D	37	38.03	125.70	Transl10	0.644	0.692	0.655	0.671	******	0.643	******	******	0.693	0.667	0.612	0.639

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	57	37.75	128.90	SrfDwn	110	140	154	231	222	151	158	161	161	111	103	77
D	57	37.75	128.90	TotaDwn	193	253	332	408	460	481	470	428	361	281	211	176
D	57	37.75	128.90	CosZAvg	0.137	0.161	0.241	0.301	0.345	0.364	0.356	0.321	0.267	0.205	0.151	0.125
D	57	37.75	128.90	TransMax	0.712	0.711	0.720	0.705	0.709	0.736	0.696	0.641	0.713	0.655	0.664	0.680
D	57	37.75	128.90	TransMin	0.038	0.034	0.088	0.046	0.081	0.064	0.088	0.029	0.028	0.055	0.065	0.048
D	57	37.75	128.90	TransT5	0.691	0.695	0.699	0.686	0.697	0.736	0.693	0.626	0.713	0.636	0.648	0.663
D	57	37.75	128.90	Transl0	******	******	******	******	******	******	******	******	******	******	******	0.680
D	57	37.75	128.90	Transl5	******	******	******	******	******	******	0.599	******	0.686	0.626	******	0.663
D	57	37.75	128.90	Transl10	******	0.685	0.631	0.679	******	******	0.599	******	0.657	0.626	******	0.639
D	58	37.57	126.97	SrfDwn	104	139	161	220	227	183	140	161	175	129	96	73
D	58	37.57	126.97	TotaDwn	195	254	333	409	460	481	470	428	362	282	212	177
D	58	37.57	126.97	CosZAvg	0.138	0.162	0.242	0.302	0.345	0.364	0.356	0.322	0.268	0.205	0.152	0.126
D	58	37.57	126.97	TransMax	0.751	0.706	0.701	0.753	0.765	0.686	0.574	0.638	0.757	0.724	0.721	0.712
D	58	37.57	126.97	TransMin	0.031	0.060	0.063	0.114	0.049	0.026	0.051	0.040	0.086	0.085	0.080	0.068
D	58	37.57	126.97	TransT5	0.751	0.687	0.685	0.744	0.759	0.648	0.572	0.638	0.757	0.712	0.707	0.709
D	58	37.57	126.97	Transl0	******	******	******	******	******	******	******	******	0.699	******	0.546	0.568
D	58	37.57	126.97	Transl5	0.636	0.683	0.635	0.713	******	******	******	******	0.689	0.706	0.586	0.598
D	58	37.57	126.97	Transl10	0.612	0.680	0.644	0.671	******	0.655	******	******	0.700	0.694	0.589	0.572
D	21	37.38	136.90	SrfDwn	45	67	126	177	219	198	167	219	141	99	84	46
D	21	37.38	136.90	TotaDwn	198	255	334	409	460	481	470	429	363	283	213	179
D	21	37.38	136.90	CosZAvg	0.139	0.162	0.242	0.302	0.345	0.364	0.356	0.322	0.269	0.206	0.153	0.127
D	21	37.38	136.90	TransMax	0.654	0.506	0.636	0.707	0.722	0.730	0.687	0.632	0.659	0.592	0.643	0.612
D	21	37.38	136.90	TransMin	0.049	0.070	0.058	0.066	0.060	0.131	0.126	0.227	0.061	0.131	0.071	0.048
D	21	37.38	136.90	TransT5	0.654	0.506	0.628	0.692	0.703	0.721	0.677	0.615	0.649	0.592	0.640	0.612
D	21	37.38	136.90	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	21	37.38	136.90	Transl5	******	******	******	******	******	0.730	******	******	******	******	******	0.561
D	21	37.38	136.90	Transl10	0.654	******	0.636	******	0.662	0.730	******	******	******	0.592	0.636	0.503
D	22	36.25	137.97	SrfDwn	115	152	174	203	219	211	193	227	172	138	110	96
D	22	36.25	137.97	TotaDwn	204	262	340	412	461	481	470	431	367	290	221	187
D	22	36.25	137.97	CosZAvg	0.145	0.168	0.246	0.304	0.346	0.364	0.356	0.324	0.272	0.211	0.158	0.132
D	22	36.25	137.97	TransMax	0.750	0.757	0.744	0.741	0.722	0.711	0.625	0.675	0.680	0.685	0.678	0.688
D	22	36.25	137.97	TransMin	0.089	0.131	0.072	0.118	0.104	0.150	0.186	0.095	0.096	0.089	0.147	0.120
D	22	36.25	137.97	TransT5	0.731	0.757	0.729	0.722	0.707	0.707	0.614	0.655	0.665	0.674	0.664	0.678
D	22	36.25	137.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	22	36.25	137.97	Transl5	******	******	******	******	******	0.703	******	******	******	******	******	0.679
D	22	36.25	137.97	Transl10	0.697	******	0.712	******	0.672	0.703	******	******	******	0.685	0.643	0.638
D	23	36.05	140.13	SrfDwn	110	140	146	184	196	182	145	203	139	120	91	85
D	23	36.05	140.13	TotaDwn	205	264	340	413	461	480	470	431	368	291	222	188
D	23	36.05	140.13	CosZAvg	0.145	0.168	0.247	0.305	0.346	0.363	0.356	0.324	0.272	0.212	0.159	0.133
D	23	36.05	140.13	TransMax	0.689	0.721	0.683	0.708	0.677	0.693	0.600	0.680	0.653	0.676	0.678	0.682
D	23	36.05	140.13	TransMin	0.193	0.068	0.063	0.049	0.072	0.080	0.085	0.068	0.085	0.087	0.076	0.082
D	23	36.05	140.13	TransT5	0.670	0.703	0.670	0.699	0.661	0.674	0.581	0.639	0.651	0.657	0.669	0.658
D	23	36.05	140.13	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	23	36.05	140.13	Transl5	******	******	******	******	******	0.693	******	******	0.650	******	******	0.638
D	23	36.05	140.13	Transl10	******	******	0.649	******	******	0.693	0.510	******	0.650	******	******	0.638
D	24	35.43	133.35	SrfDwn	72	92	139	177	192	184	178	229	155	119	87	63
D	24	35.43	133.35	TotaDwn	210	268	343	414	461	480	470	432	370	295	227	193
D	24	35.43	133.35	CosZAvg	0.149	0.191	0.249	0.306	0.346	0.363	0.356	0.325	0.274	0.214	0.162	0.137
D	24	35.43	133.35	TransMax	0.681	0.549	0.691	0.690	0.657	0.676	0.681	0.684	0.677	0.697	0.664	0.689
D	24	35.43	133.35	TransMin	0.131	0.082	0.098	0.089	0.083	0.091	0.095	0.127	0.100	0.101	0.094	0.085
D	24	35.43	133.35	TransT5	0.681	0.549	0.680	0.680	0.645	0.658	0.662	0.680	0.682	0.684	0.651	0.689
D	24	35.43	133.35	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	24	35.43	133.35	Transl5	******	******	******	0.682	0.643	******	0.661	0.685	******	******	******	0.656
D	24	35.43	133.35	Transl10	******	******	0.674	0.663	0.633	******	0.626	0.657	0.649	0.620	******	0.655
D	59	35.10	129.03	SrfDwn	115	151	166	200	232	189	169	222	139	131	108	85
D	59	35.10	129.03	TotaDwn	212	270	345	415	462	480	470	432	371	297	229	195
D	59	35.10	129.03	CosZAvg	0.150	0.193	0.250	0.307	0.346	0.363	0.356	0.325	0.275	0.216	0.164	0.138
D	59	35.10	129.03	TransMax	0.643	0.682	0.672	0.675	0.704	0.664	0.698	0.681	0.609	0.634	0.623	0.598
D	59	35.10	129.03	TransMin	0.137	0.227	0.062	0.041	0.041	0.026	0.061	0.048	0.046	0.028	0.079	0.086
D	59	35.10	129.03	TransT5	0.631	0.660	0.653	0.662	0.698	0.654	0.698	0.677	0.601	0.634	0.608	0.583
D	59	35.10	129.03	Transl0	******	0.657	0.630	******	******	******	******	******	******	0.588	0.585	0.545
D	59	35.10	129.03	Transl5	0.624	0.657	0.614	0.647	0.694	******	******	******	0.534	0.588	0.555	0.542
D	59	35.10	129.03	Transl10	0.620	0.653	0.609	0.644	0.683	0.650	******	******	0.582	0.579	0.583	0.538
D	60	34.78	126.38	SrfDwn	102	132	174	224	241	194	174	216	165	156	108	81
D	60	34.78	126.38	TotaDwn	214	272	347	416	462	480	470	433	373	298	231	197
D	60	34.78	126.38	CosZAvg	0.152	0.194	0.251	0.307	0.346	0.363	0.356	0.325	0.276	0.217	0.165	0.140
D	60	34.78	126.38	TransMax	0.638	0.732	0.727	0.742	0.724	0.696	0.681	0.677	0.735	0.702	0.703	0.671
D	60	34.78	126.38	TransMin	0.096	0.137	0.050	0.084	0.075	0.055	0.096	0.092	0.067	0.121	0.153	0.030
D	60	34.78	126.38	TransT5	0.619	0.713	0.716	0.719	0.713	0.681	0.671	0.680	0.726	0.682	0.686	0.654
D	60	34.78	126.38	Transl0	******	******	******	******	******	******	******	******	******	0.587	******	0.671
D	60	34.78	126.38	Transl5	******	0.622	0.674	0.693	0.721	0.691	******	******	******	0.563	0.636	0.671
D	60	34.78	126.38	Transl10	0.473	0.622	0.686	0.693	0.714	0.691	0.676	******	******	0.563	0.633	0.671

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	25	33.58	130.38	SrfDwn	87	126	153	182	192	189	167	215	150	140	96	78
D	25	33.58	130.38	ToaDwn	223	279	352	419	462	479	470	435	377	305	239	206
D	25	33.58	130.38	CosZAvg	0.158	0.200	0.255	0.309	0.346	0.362	0.355	0.327	0.279	0.222	0.171	0.146
D	25	33.58	130.38	TransMax	0.686	0.705	0.695	0.708	0.676	0.673	0.664	0.629	0.626	0.674	0.656	0.661
D	25	33.58	130.38	TransMin	0.097	0.087	0.086	0.094	0.083	0.076	0.133	0.152	0.077	0.085	0.076	0.080
D	25	33.58	130.38	TransT5	0.674	0.697	0.676	0.691	0.684	0.680	0.651	0.614	0.614	0.669	0.639	0.649
D	25	33.58	130.38	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	25	33.58	130.38	Transl5	******	******	0.686	0.692	******	0.648	******	0.629	******	******	******	0.642
D	25	33.58	130.38	Transl10	0.686	0.705	0.677	0.680	0.647	0.680	0.664	0.629	0.626	0.671	0.628	0.642
D	26	33.45	135.77	SrfDwn	107	163	168	192	210	194	213	238	177	161	113	108
D	26	33.45	135.77	ToaDwn	223	280	353	419	462	479	469	435	378	306	240	207
D	26	33.45	135.77	CosZAvg	0.158	0.200	0.256	0.309	0.346	0.362	0.355	0.327	0.280	0.223	0.172	0.147
D	26	33.45	135.77	TransMax	0.674	0.748	0.745	0.726	0.717	0.703	0.685	0.700	0.685	0.712	0.707	0.692
D	26	33.45	135.77	TransMin	0.103	0.094	0.085	0.049	0.058	0.082	0.074	0.193	0.054	0.113	0.107	0.082
D	26	33.45	135.77	TransT5	0.658	0.738	0.723	0.706	0.698	0.702	0.676	0.679	0.669	0.693	0.685	0.679
D	26	33.45	135.77	Transl0	******	******	******	******	******	******	******	******	******	******	0.674	0.684
D	26	33.45	135.77	Transl5	******	******	0.708	0.694	0.703	0.702	******	0.639	******	******	0.674	0.670
D	26	33.45	135.77	Transl10	******	******	0.676	0.694	0.698	0.702	******	0.669	0.674	******	0.674	0.682
D	27	32.72	133.02	SrfDwn	122	170	174	187	201	190	215	240	163	158	104	115
D	27	32.72	133.02	ToaDwn	229	284	356	421	462	478	469	436	380	310	245	212
D	27	32.72	133.02	CosZAvg	0.162	0.203	0.258	0.311	0.346	0.361	0.355	0.327	0.282	0.225	0.175	0.150
D	27	32.72	133.02	TransMax	0.743	0.747	0.746	0.721	0.706	0.697	0.674	0.692	0.690	0.729	0.717	0.725
D	27	32.72	133.02	TransMin	0.118	0.062	0.059	0.056	0.053	0.083	0.123	0.164	0.085	0.089	0.089	0.073
D	27	32.72	133.02	TransT5	0.727	0.734	0.729	0.704	0.700	0.697	0.656	0.671	0.671	0.705	0.704	0.710
D	27	32.72	133.02	Transl0	******	******	******	0.698	0.703	0.697	******	******	******	******	******	******
D	27	32.72	133.02	Transl5	0.743	******	0.699	0.687	0.703	0.675	******	0.663	******	0.696	0.712	0.703
D	27	32.72	133.02	Transl10	0.743	0.735	0.715	0.689	0.659	0.675	0.629	0.667	0.659	0.668	0.682	0.684
D	28	31.57	130.55	SrfDwn	103	149	155	186	200	162	207	212	157	156	101	104
D	28	31.57	130.55	ToaDwn	237	291	361	423	462	477	468	437	384	316	252	220
D	28	31.57	130.55	CosZAvg	0.168	0.208	0.262	0.312	0.346	0.361	0.355	0.328	0.284	0.230	0.181	0.156
D	28	31.57	130.55	TransMax	0.670	0.693	0.696	0.693	0.674	0.670	0.661	0.676	0.640	0.697	0.686	0.687
D	28	31.57	130.55	TransMin	0.112	0.097	0.074	0.074	0.048	0.082	0.092	0.166	0.084	0.070	0.112	0.055
D	28	31.57	130.55	TransT5	0.663	0.682	0.680	0.679	0.657	0.653	0.647	0.686	0.627	0.680	0.676	0.669
D	28	31.57	130.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	0.670
D	28	31.57	130.55	Transl5	******	******	0.656	0.670	0.674	******	******	0.676	******	******	0.664	0.670
D	28	31.57	130.55	Transl10	******	******	0.631	0.672	0.674	******	******	0.604	0.608	0.654	0.664	0.670
D	43	31.55	74.33	SrfDwn	79	148	182	226	217	276	******	******	211	163	106	119
D	43	31.55	74.33	ToaDwn	237	292	362	423	462	477	******	******	384	316	252	220
D	43	31.55	74.33	CosZAvg	0.168	0.209	0.262	0.313	0.347	0.361	******	******	0.284	0.230	0.181	0.156
D	43	31.55	74.33	TransMax	0.537	0.759	0.636	0.694	0.694	0.711	******	******	0.744	0.630	0.566	0.709
D	43	31.55	74.33	TransMin	0.200	0.014	0.141	0.118	0.040	0.149	******	******	0.452	0.340	0.221	0.297
D	43	31.55	74.33	TransT5	0.536	0.759	0.625	0.675	0.679	0.691	******	******	0.744	0.621	0.559	0.695
D	43	31.55	74.33	Transl0	0.298	0.529	0.561	******	0.637	0.701	******	******	******	0.539	0.476	0.585
D	43	31.55	74.33	Transl5	0.287	0.548	0.576	0.526	0.641	0.576	******	******	******	0.536	0.476	0.591
D	43	31.55	74.33	Transl10	0.287	0.554	0.532	0.481	0.607	0.604	******	******	******	0.522	0.494	0.591
D	44	30.27	66.92	SrfDwn	154	183	194	256	299	304	246	254	244	220	144	144
D	44	30.27	66.92	ToaDwn	246	300	367	426	462	475	467	438	388	322	261	229
D	44	30.27	66.92	CosZAvg	0.174	0.214	0.266	0.315	0.346	0.360	0.354	0.329	0.287	0.235	0.187	0.162
D	44	30.27	66.92	TransMax	0.738	0.856	0.765	0.649	0.766	0.759	0.653	0.692	0.774	0.745	0.676	0.708
D	44	30.27	66.92	TransMin	0.363	0.220	0.162	0.212	0.401	0.262	0.178	0.429	0.372	0.312	0.158	0.493
D	44	30.27	66.92	TransT5	0.720	0.836	0.753	0.634	0.748	0.736	0.643	0.681	0.760	0.726	0.663	0.687
D	44	30.27	66.92	Transl0	0.624	******	******	0.813	******	0.686	0.613	0.453	0.634	0.689	0.513	0.493
D	44	30.27	66.92	Transl5	0.658	0.714	0.653	0.813	0.743	0.694	0.603	0.566	0.593	0.710	0.547	0.601
D	44	30.27	66.92	Transl10	0.658	0.723	0.621	0.683	0.704	0.697	0.608	0.601	0.603	0.702	0.547	0.618
D	45	30.20	71.43	SrfDwn	******	141	126	191	173	262	240	247	242	173	140	134
D	45	30.20	71.43	ToaDwn	******	300	357	426	462	475	467	438	388	323	261	230
D	45	30.20	71.43	CosZAvg	******	0.214	0.266	0.315	0.346	0.359	0.354	0.329	0.287	0.235	0.187	0.163
D	45	30.20	71.43	TransMax	******	0.697	0.625	0.691	0.651	0.680	0.730	0.693	0.770	0.633	0.715	0.701
D	45	30.20	71.43	TransMin	******	0.319	0.093	0.045	0.065	0.200	0.129	0.173	0.397	0.328	0.342	0.170
D	45	30.20	71.43	TransT5	******	0.697	0.625	0.679	0.642	0.657	0.715	0.681	0.767	0.613	0.715	0.687
D	45	30.20	71.43	Transl0	******	******	******	0.396	******	0.630	0.605	******	0.722	0.531	0.602	0.639
D	45	30.20	71.43	Transl5	******	0.319	0.625	0.551	******	0.620	0.539	0.632	0.642	0.542	0.587	0.644
D	45	30.20	71.43	Transl10	******	0.319	0.365	0.551	0.383	0.613	0.535	0.624	0.646	0.535	0.591	0.647
D	3	28.58	77.20	SrfDwn	162	195	246	290	305	290	224	246	244	212	166	157
D	3	28.58	77.20	ToaDwn	257	309	374	429	462	473	466	440	393	331	272	241
D	3	28.58	77.20	CosZAvg	0.182	0.221	0.271	0.317	0.346	0.358	0.353	0.330	0.291	0.241	0.195	0.171
D	3	28.58	77.20	TransMax	0.764	0.784	0.775	0.763	0.757	0.745	0.671	0.700	0.727	0.725	0.716	0.731
D	3	28.58	77.20	TransMin	0.491	0.259	0.330	0.507	0.447	0.277	0.350	0.244	0.239	0.517	0.439	0.482
D	3	28.58	77.20	TransT5	0.746	0.763	0.755	0.743	0.740	0.723	0.658	0.687	0.713	0.709	0.699	0.710
D	3	28.58	77.20	Transl0	0.686	0.743	0.739	0.679	0.746	******	******	******	******	0.650	0.693	0.670
D	3	28.58	77.20	Transl5	0.655	0.750	0.728	0.723	0.728	0.709	******	0.670	0.704	0.652	0.682	0.670
D	3	28.58	77.20	Transl10	0.655	0.748	0.726	0.717	0.690	0.697	0.671	0.676	0.705	0.646	0.682	0.672

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	29	27.08	142.18	SrfDwn	122	132	169	189	191	211	266	222	192	170	129	115
D	29	27.08	142.18	TosDwn	267	316	379	431	461	471	465	441	398	339	281	251
D	29	27.08	142.18	CosZAvg	0.189	0.227	0.275	0.316	0.345	0.356	0.352	0.331	0.295	0.247	0.202	0.178
D	29	27.08	142.18	TransMax	0.625	0.689	0.658	0.616	0.662	0.642	0.665	0.636	0.686	0.662	0.657	0.656
D	29	27.08	142.18	TransMin	0.056	0.100	0.175	0.126	0.052	0.078	0.432	0.182	0.037	0.138	0.105	0.104
D	29	27.08	142.18	TransT5	0.614	0.672	0.649	0.604	0.649	0.628	0.649	0.619	0.665	0.650	0.652	0.647
D	29	27.08	142.18	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	29	27.08	142.18	Transl5	******	******	******	0.580	0.642	0.601	0.664	******	0.545	******	******	******
D	29	27.08	142.18	Transl10	******	******	******	0.580	0.630	0.622	0.650	0.605	0.601	0.638	0.607	******
D	4	26.30	73.02	SrfDwn	154	183	220	248	253	226	241	229	261	225	184	222
D	4	26.30	73.02	TosDwn	272	322	383	432	460	469	464	441	400	343	286	257
D	4	26.30	73.02	CosZAvg	0.193	0.230	0.278	0.319	0.345	0.355	0.351	0.331	0.296	0.249	0.205	0.182
D	4	26.30	73.02	TransMax	0.630	0.639	0.647	0.617	0.624	0.590	0.635	0.681	0.699	0.716	0.729	0.971
D	4	26.30	73.02	TransMin	0.479	0.216	0.308	0.470	0.415	0.307	0.199	0.375	0.579	0.563	0.532	0.642
D	4	26.30	73.02	TransT5	0.613	0.627	0.626	0.603	0.609	0.580	0.635	0.671	0.682	0.695	0.714	0.944
D	4	26.30	73.02	Transl0	0.578	0.617	0.612	0.600	0.567	******	******	******	******	0.676	0.708	0.923
D	4	26.30	73.02	Transl5	0.584	0.618	0.611	0.597	0.570	******	******	0.681	******	0.675	0.686	0.877
D	4	26.30	73.02	Transl10	0.583	0.619	0.605	0.598	0.566	******	******	0.671	0.683	0.672	0.690	0.877
D	30	26.20	127.68	SrfDwn	111	97	134	174	207	222	257	221	193	154	92	107
D	30	26.20	127.68	TosDwn	273	323	383	432	460	469	463	441	400	343	287	257
D	30	26.20	127.68	CosZAvg	0.193	0.231	0.278	0.319	0.345	0.355	0.351	0.332	0.297	0.250	0.206	0.182
D	30	26.20	127.68	TransMax	0.646	0.621	0.689	0.644	0.705	0.664	0.686	0.657	0.674	0.648	0.608	0.650
D	30	26.20	127.68	TransMin	0.079	0.056	0.093	0.120	0.096	0.101	0.156	0.094	0.053	0.142	0.083	0.106
D	30	26.20	127.68	TransT5	0.633	0.621	0.673	0.623	0.689	0.651	0.674	0.648	0.664	0.637	0.603	0.645
D	30	26.20	127.68	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	30	26.20	127.68	Transl5	******	******	0.673	******	0.686	******	0.674	******	0.674	0.624	******	******
D	30	26.20	127.68	Transl10	******	******	0.673	******	0.685	******	0.663	0.657	0.641	0.624	******	******
D	5	25.57	91.88	SrfDwn	159	191	206	195	197	172	179	165	134	******	182	184
D	5	25.57	91.88	TosDwn	277	326	385	433	460	468	463	442	402	******	291	262
D	5	25.57	91.88	CosZAvg	0.196	0.233	0.279	0.320	0.345	0.354	0.350	0.332	0.298	******	0.208	0.186
D	5	25.57	91.88	TransMax	0.756	0.748	0.708	0.715	0.683	0.567	0.592	0.628	0.527	******	0.781	0.826
D	5	25.57	91.88	TransMin	0.139	0.313	0.137	0.223	0.277	0.247	0.146	0.175	0.120	******	0.386	0.384
D	5	25.57	91.88	TransT5	0.738	0.732	0.694	0.703	0.683	0.567	0.585	0.619	0.522	******	0.769	0.804
D	5	25.57	91.88	Transl0	0.720	******	******	******	******	******	******	******	******	******	******	0.813
D	5	25.57	91.88	Transl5	0.698	******	******	******	******	******	******	******	******	******	0.673	0.805
D	5	25.57	91.88	Transl10	0.645	0.665	0.648	0.599	0.683	0.567	******	******	******	******	0.691	0.789
D	46	24.90	67.13	SrfDwn	178	******	155	232	254	292	173	184	252	221	******	156
D	46	24.90	67.13	TosDwn	282	******	388	434	459	467	462	442	404	349	******	266
D	46	24.90	67.13	CosZAvg	0.200	******	0.261	0.321	0.344	0.353	0.350	0.332	0.299	0.254	******	0.189
D	46	24.90	67.13	TransMax	0.783	******	0.610	0.741	0.672	0.751	0.600	0.630	0.698	0.837	******	0.631
D	46	24.90	67.13	TransMin	0.315	******	0.122	0.267	0.257	0.321	0.103	0.128	0.460	0.445	******	0.520
D	46	24.90	67.13	TransT5	0.783	******	0.600	0.741	0.658	0.734	0.600	0.619	0.683	0.837	******	0.611
D	46	24.90	67.13	Transl0	0.622	******	0.549	0.499	0.609	******	******	******	0.642	0.598	******	0.580
D	46	24.90	67.13	Transl5	0.625	******	0.457	0.473	0.581	0.517	******	******	0.649	0.630	******	0.584
D	46	24.90	67.13	Transl10	0.623	******	0.440	0.518	0.578	0.579	******	******	0.630	0.630	******	0.580
D	31	24.33	124.17	SrfDwn	109	86	134	164	173	247	265	240	204	162	96	106
D	31	24.33	124.17	TosDwn	285	333	389	435	459	466	461	442	405	352	299	270
D	31	24.33	124.17	CosZAvg	0.202	0.238	0.283	0.321	0.344	0.352	0.349	0.332	0.300	0.256	0.214	0.191
D	31	24.33	124.17	TransMax	0.654	0.607	0.677	0.607	0.669	0.663	0.690	0.662	0.671	0.639	0.570	0.612
D	31	24.33	124.17	TransMin	0.073	0.061	0.034	0.074	0.037	0.101	0.141	0.149	0.159	0.212	0.074	0.073
D	31	24.33	124.17	TransT5	0.634	0.607	0.677	0.591	0.667	0.643	0.673	0.652	0.662	0.632	0.560	0.600
D	31	24.33	124.17	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	31	24.33	124.17	Transl5	******	******	******	******	******	0.643	0.688	******	0.657	******	******	******
D	31	24.33	124.17	Transl10	******	******	******	0.607	******	0.630	0.678	0.650	0.663	******	******	******
D	32	24.30	153.97	SrfDwn	159	167	219	239	272	289	287	206	253	204	181	129
D	32	24.30	153.97	TosDwn	285	333	389	435	459	466	461	442	406	353	299	270
D	32	24.30	153.97	CosZAvg	0.202	0.238	0.282	0.321	0.344	0.352	0.349	0.332	0.300	0.257	0.214	0.192
D	32	24.30	153.97	TransMax	0.703	0.707	0.691	0.698	0.716	0.713	0.704	0.687	0.693	0.672	0.676	0.697
D	32	24.30	153.97	TransMin	0.327	0.174	0.256	0.280	0.070	0.319	0.304	0.056	0.417	0.244	0.408	0.183
D	32	24.30	153.97	TransT5	0.689	0.695	0.673	0.682	0.697	0.693	0.684	0.672	0.670	0.658	0.657	0.688
D	32	24.30	153.97	Transl0	******	******	******	******	******	******	******	******	******	******	0.676	******
D	32	24.30	153.97	Transl5	******	******	******	0.694	******	******	******	******	0.693	******	0.676	******
D	32	24.30	153.97	Transl10	******	0.695	******	0.687	0.709	0.690	0.675	******	0.671	0.681	0.676	0.688
D	6	23.07	72.63	SrfDwn	211	274	320	348	352	289	178	191	256	248	200	190
D	6	23.07	72.63	TosDwn	293	340	394	436	458	463	459	442	408	358	306	278
D	6	23.07	72.63	CosZAvg	0.208	0.243	0.286	0.322	0.343	0.351	0.348	0.332	0.302	0.260	0.219	0.198
D	6	23.07	72.63	TransMax	0.812	0.861	0.856	0.843	0.834	0.811	0.587	0.649	0.847	0.793	0.746	0.745
D	6	23.07	72.63	TransMin	0.410	0.552	0.734	0.692	0.683	0.164	0.111	0.116	0.445	0.599	0.468	0.459
D	6	23.07	72.63	TransT5	0.792	0.834	0.837	0.821	0.807	0.792	0.573	0.645	0.847	0.772	0.718	0.731
D	6	23.07	72.63	Transl0	0.786	0.826	0.810	0.831	0.735	******	******	******	******	0.738	******	******
D	6	23.07	72.63	Transl5	0.786	0.837	0.821	0.827	0.766	0.790	******	******	******	0.712	0.693	0.692
D	6	23.07	72.63	Transl10	0.780	0.827	0.821	0.819	0.758	0.790	******	******	0.680	0.722	0.683	0.690

le 2. Continuec

Fig	Site	Lat	Lon	Pa	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	7	22.65	88.45	Srl	167	198	234	255	252	200	182	204	160	187	166	162
D	7	22.65	88.45	TosDw	296	342	395	437	457	463	458	442	409	380	309	281
D	7	22.65	88.45	CosZAvg	0.210	0.245	0.287	0.322	0.343	0.350	0.347	0.332	0.303	0.262	0.221	0.199
D	7	22.65	88.45	TransMax	0.709	0.693	0.701	0.674	0.693	0.651	0.559	0.675	0.662	0.677	0.671	0.672
D	7	22.65	88.45	TransMin	0.129	0.343	0.202	0.433	0.282	0.080	0.133	0.297	0.056	0.133	0.079	0.203
D	7	22.65	88.45	TransT5	0.694	0.678	0.680	0.658	0.670	0.642	0.548	0.674	0.648	0.662	0.656	0.658
D	7	22.65	88.45	Transl0	0.625	0.661	0.671	******	0.676	******	******	******	******	0.668	0.607	0.616
D	7	22.65	88.45	Transl5	0.615	0.650	0.658	0.669	0.685	0.633	******	******	******	0.643	0.610	0.612
D	7	22.65	88.45	Transl10	0.615	0.653	0.658	0.640	0.685	0.599	******	******	0.464	0.631	0.616	0.610
D	2	22.32	114.17	SrlDwn	155	111	108	140	176	185	199	189	198	166	131	125
D	2	22.32	114.17	TosDwn	298	344	396	437	457	462	458	442	410	361	311	284
D	2	22.32	114.17	CosZAvg	0.211	0.246	0.287	0.322	0.342	0.349	0.347	0.332	0.304	0.263	0.223	0.201
D	2	22.32	114.17	TransMax	0.686	0.657	0.655	0.602	0.643	0.683	0.656	0.646	0.650	0.626	0.633	0.627
D	2	22.32	114.17	TransMin	0.147	0.080	0.086	0.086	0.043	0.088	0.074	0.083	0.173	0.085	0.080	0.079
D	2	22.32	114.17	TransT5	0.656	0.657	0.645	0.602	0.632	0.654	0.646	0.646	0.637	0.609	0.615	0.615
D	2	22.32	114.17	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	2	22.32	114.17	Transl5	0.680	******	******	******	******	0.661	0.631	******	0.555	******	******	0.528
D	2	22.32	114.17	Transl10	0.633	******	0.655	******	******	0.627	0.632	******	0.579	******	******	0.528
D	38	22.20	113.53	SrlDwn	172	108	107	145	198	208	228	229	238	180	146	130
D	38	22.20	113.53	TosDwn	299	344	397	437	457	462	458	442	410	362	311	284
D	38	22.20	113.53	CosZAvg	0.212	0.246	0.288	0.323	0.342	0.349	0.346	0.332	0.304	0.263	0.223	0.202
D	38	22.20	113.53	TransMax	0.722	0.687	0.701	0.650	0.682	0.734	0.746	0.694	0.729	0.701	0.687	0.682
D	38	22.20	113.53	TransMin	0.130	0.024	0.036	0.080	0.013	0.109	0.065	0.073	0.224	0.047	0.098	0.088
D	38	22.20	113.53	TransT5	0.710	0.672	0.689	0.650	0.676	0.721	0.733	0.689	0.715	0.685	0.675	0.667
D	38	22.20	113.53	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	38	22.20	113.53	Transl5	0.705	******	******	******	******	0.721	0.733	******	0.624	******	******	0.594
D	38	22.20	113.53	Transl10	0.667	******	0.693	******	******	0.675	0.731	******	0.676	******	******	0.594
D	8	21.75	72.20	SrlDwn	******	239	280	******	308	247	188	199	246	253	208	197
D	8	21.75	72.20	TosDwn	******	347	398	******	456	461	457	442	411	364	314	287
D	8	21.75	72.20	CosZAvg	******	0.248	0.289	******	0.342	0.349	0.346	0.332	0.304	0.265	0.225	0.204
D	8	21.75	72.20	TransMax	******	0.743	0.744	******	0.749	0.707	0.605	0.701	0.686	0.876	0.720	0.737
D	8	21.75	72.20	TransMin	******	0.472	0.617	******	0.584	0.219	0.123	0.134	0.416	0.640	0.440	0.435
D	8	21.75	72.20	TransT5	******	0.721	0.725	******	0.722	0.698	0.592	0.701	0.675	0.876	0.704	0.722
D	8	21.75	72.20	Transl0	******	******	******	******	******	******	******	******	******	0.710	0.698	0.701
D	8	21.75	72.20	Transl5	******	0.703	0.715	******	0.708	0.669	******	******	0.661	0.701	0.683	0.698
D	8	21.75	72.20	Transl10	******	0.701	0.722	******	0.673	0.669	******	******	0.663	0.704	0.682	0.694
D	9	21.10	79.05	SrlDwn	190	198	252	287	280	210	180	197	233	******	213	175
D	9	21.10	79.05	TosDwn	306	350	400	438	455	459	456	442	413	******	318	292
D	9	21.10	79.05	CosZAvg	0.217	0.250	0.290	0.323	0.341	0.347	0.345	0.332	0.305	******	0.228	0.207
D	9	21.10	79.05	TransMax	0.704	0.671	0.719	0.730	0.712	0.691	0.622	0.674	0.672	******	0.722	0.724
D	9	21.10	79.05	TransMin	0.176	0.368	0.449	0.561	0.504	0.048	0.126	0.079	0.399	******	0.655	0.160
D	9	21.10	79.05	TransT5	0.689	0.656	0.702	0.709	0.697	0.691	0.618	0.663	0.657	******	0.702	0.706
D	9	21.10	79.05	Transl0	0.685	******	******	0.666	0.673	******	******	******	******	******	0.692	0.685
D	9	21.10	79.05	Transl5	0.672	0.671	0.658	0.685	0.673	******	******	******	******	******	0.693	0.682
D	9	21.10	79.05	Transl10	0.669	0.671	0.672	0.686	0.650	******	******	******	******	******	0.691	0.675
D	10	19.12	72.85	SrlDwn	172	202	231	245	242	174	172	178	222	219	193	191
D	10	19.12	72.85	TosDwn	318	360	406	439	453	455	452	442	417	375	329	304
D	10	19.12	72.85	CosZAvg	0.226	0.257	0.295	0.324	0.339	0.344	0.342	0.332	0.308	0.273	0.236	0.216
D	10	19.12	72.85	TransMax	0.593	0.601	0.622	0.625	0.599	0.546	0.606	0.682	0.643	0.640	0.664	0.695
D	10	19.12	72.85	TransMin	0.457	0.483	0.462	0.456	0.462	0.132	0.117	0.099	0.255	0.431	0.434	0.590
D	10	19.12	72.85	TransT5	0.581	0.589	0.607	0.604	0.586	0.536	0.595	0.662	0.630	0.626	0.650	0.695
D	10	19.12	72.85	Transl0	0.515	******	******	******	******	******	******	******	******	0.610	0.626	0.626
D	10	19.12	72.85	Transl5	0.540	0.586	0.586	0.593	0.556	******	******	******	******	0.585	0.611	0.633
D	10	19.12	72.85	Transl10	0.544	0.582	0.578	0.579	0.545	******	******	******	******	0.588	0.611	0.626
D	11	18.53	73.85	SrlDwn	198	243	273	296	305	184	196	189	238	242	220	193
D	11	18.53	73.85	TosDwn	322	363	408	439	452	453	451	441	418	377	333	308
D	11	18.53	73.85	CosZAvg	0.228	0.259	0.296	0.324	0.339	0.343	0.341	0.332	0.309	0.274	0.238	0.219
D	11	18.53	73.85	TransMax	0.704	0.739	0.718	0.736	0.721	0.590	0.658	0.684	0.707	0.718	0.734	0.719
D	11	18.53	73.85	TransMin	0.461	0.549	0.572	0.630	0.525	0.161	0.146	0.165	0.396	0.364	0.518	0.388
D	11	18.53	73.85	TransT5	0.704	0.714	0.698	0.735	0.704	0.590	0.654	0.684	0.697	0.700	0.720	0.700
D	11	18.53	73.85	Transl0	0.633	******	******	******	******	******	******	******	******	0.709	0.705	0.686
D	11	18.53	73.85	Transl5	0.638	0.711	0.683	0.712	0.693	******	******	******	******	0.700	0.688	0.682
D	11	18.53	73.85	Transl10	0.637	0.710	0.692	0.688	0.687	******	******	******	******	0.701	0.686	0.651
D	12	17.72	83.23	SrlDwn	197	240	288	288	273	197	203	226	211	208	191	202
D	12	17.72	83.23	TosDwn	327	367	410	440	450	451	449	441	419	380	337	313
D	12	17.72	83.23	CosZAvg	0.232	0.262	0.298	0.325	0.338	0.341	0.340	0.331	0.310	0.277	0.242	0.222
D	12	17.72	83.23	TransMax	0.720	0.732	0.712	0.690	0.709	0.670	0.619	0.697	0.688	0.708	0.718	0.725
D	12	17.72	83.23	TransMin	0.158	0.480	0.552	0.399	0.365	0.078	0.092	0.075	0.213	0.085	0.089	0.346
D	12	17.72	83.23	TransT5	0.700	0.717	0.690	0.679	0.694	0.653	0.619	0.684	0.676	0.687	0.699	0.699
D	12	17.72	83.23	Transl0	0.672	0.724	******	******	******	******	******	******	******	0.708	0.686	0.686
D	12	17.72	83.23	Transl5	0.682	0.708	0.685	0.633	0.684	0.644	******	******	0.673	0.684	0.677	0.697
D	12	17.72	83.23	Transl10	0.678	0.702	0.670	0.635	0.679	0.638	******	******	0.673	0.661	0.671	0.692

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	13	15.46	73.82	SrfDwn	201	230	250	255	261	******	******	243	244	247	243	243
D	13	15.46	73.82	TotaDwn	340	377	416	440	446	******	******	439	422	389	350	327
D	13	15.46	73.82	CosZAvg	0.241	0.270	0.302	0.325	0.334	******	******	0.330	0.313	0.283	0.250	0.232
D	13	15.46	73.82	TransMax	0.645	0.653	0.645	0.651	0.642	******	******	0.639	0.718	0.766	0.831	0.810
D	13	15.46	73.82	TransMin	0.334	0.515	0.515	0.434	0.516	******	******	0.382	0.357	0.431	0.356	0.346
D	13	15.46	73.82	TransT5	0.629	0.634	0.631	0.635	0.625	******	******	0.621	0.699	0.757	0.817	0.787
D	13	15.46	73.82	Transl0	0.617	0.639	******	******	******	******	******	******	******	******	0.800	0.781
D	13	15.46	73.82	Transl5	0.609	0.607	0.628	0.621	0.603	******	******	******	******	0.700	0.790	0.781
D	13	15.46	73.82	Transl10	0.607	0.618	0.622	0.626	0.611	******	******	******	******	0.722	0.770	0.776
D	66	14.63	121.02	SrfDwn	161	151	207	255	230	217	188	154	154	146	152	160
D	66	14.63	121.02	TotaDwn	345	381	418	440	445	442	441	439	424	392	354	333
D	66	14.63	121.02	CosZAvg	0.245	0.272	0.303	0.325	0.333	0.335	0.334	0.329	0.314	0.285	0.254	0.236
D	66	14.63	121.02	TransMax	0.724	0.653	0.720	0.733	0.708	0.673	0.723	0.688	0.607	0.596	0.682	0.749
D	66	14.63	121.02	TransMin	0.282	0.226	0.256	0.354	0.250	0.218	0.027	0.101	0.129	0.042	0.079	0.253
D	66	14.63	121.02	TransT5	0.714	0.641	0.710	0.727	0.687	0.657	0.709	0.688	0.605	0.596	0.682	0.741
D	66	14.63	121.02	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	66	14.63	121.02	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
D	66	14.63	121.02	Transl10	0.650	0.534	0.700	0.696	0.706	******	******	******	******	******	******	******
D	61	13.73	100.57	SrfDwn	183	202	231	241	209	213	174	189	181	169	182	184
D	61	13.73	100.57	TotaDwn	350	395	420	440	443	440	439	438	425	395	359	338
D	61	13.73	100.57	CosZAvg	0.248	0.275	0.305	0.325	0.332	0.333	0.332	0.329	0.314	0.288	0.257	0.240
D	61	13.73	100.57	TransMax	0.598	0.600	0.619	0.657	0.656	0.654	0.558	0.618	0.652	0.593	0.627	0.642
D	61	13.73	100.57	TransMin	0.354	0.175	0.340	0.189	0.055	0.271	0.188	0.236	0.210	0.188	0.315	0.146
D	61	13.73	100.57	TransT5	0.584	0.586	0.600	0.646	0.642	0.642	0.546	0.618	0.652	0.586	0.611	0.625
D	61	13.73	100.57	Transl0	******	******	******	******	******	******	******	******	******	******	******	0.619
D	61	13.73	100.57	Transl5	0.503	0.600	******	******	******	******	******	******	******	******	0.560	0.606
D	61	13.73	100.57	Transl10	0.535	0.575	0.606	******	******	******	******	******	******	******	0.573	0.612
D	14	13.00	80.18	SrfDwn	155	227	268	273	286	226	210	230	213	190	184	171
D	14	13.00	80.18	TotaDwn	354	388	421	440	441	437	437	437	426	398	383	343
D	14	13.00	80.18	CosZAvg	0.251	0.277	0.306	0.324	0.331	0.331	0.331	0.328	0.315	0.289	0.260	0.243
D	14	13.00	80.18	TransMax	0.698	0.731	0.698	0.699	0.676	0.702	0.641	0.667	0.651	0.622	0.680	0.705
D	14	13.00	80.18	TransMin	0.099	0.181	0.554	0.483	0.196	0.286	0.179	0.362	0.317	0.149	0.130	0.226
D	14	13.00	80.18	TransT5	0.698	0.715	0.689	0.678	0.659	0.702	0.625	0.667	0.638	0.607	0.670	0.703
D	14	13.00	80.18	Transl0	0.560	******	******	******	******	******	******	******	******	******	0.637	******
D	14	13.00	80.18	Transl5	0.567	0.731	0.611	0.680	0.646	0.629	******	******	******	******	0.637	******
D	14	13.00	80.18	Transl10	0.580	0.683	0.626	0.637	0.646	0.629	******	0.667	******	******	0.637	******
D	15	10.23	77.47	SrfDwn	217	263	314	307	239	189	192	214	177	198	212	177
D	15	10.23	77.47	TotaDwn	370	400	427	438	434	428	429	433	428	407	377	359
D	15	10.23	77.47	CosZAvg	0.262	0.286	0.310	0.323	0.326	0.324	0.325	0.325	0.317	0.296	0.270	0.255
D	15	10.23	77.47	TransMax	0.881	0.873	0.841	0.806	0.817	0.704	0.633	0.731	0.762	0.800	0.901	0.867
D	15	10.23	77.47	TransMin	0.194	0.202	0.514	0.531	0.369	0.235	0.290	0.178	0.184	0.282	0.205	0.133
D	15	10.23	77.47	TransT5	0.860	0.843	0.837	0.791	0.817	0.704	0.633	0.729	0.762	0.793	0.866	0.867
D	15	10.23	77.47	Transl0	0.881	******	******	******	******	******	******	******	******	******	0.901	******
D	15	10.23	77.47	Transl5	0.754	******	0.805	******	0.817	******	******	******	0.480	******	0.897	******
D	15	10.23	77.47	Transl10	0.754	******	0.708	******	0.817	******	******	******	0.480	******	0.897	0.867
D	16	8.48	76.95	SrfDwn	230	259	265	252	245	244	246	227	257	233	232	225
D	16	8.48	76.95	TotaDwn	379	406	430	437	430	422	423	430	429	412	385	369
D	16	8.48	76.95	CosZAvg	0.269	0.290	0.312	0.322	0.322	0.319	0.321	0.323	0.318	0.300	0.276	0.262
D	16	8.48	76.95	TransMax	0.706	0.714	0.709	0.714	0.689	0.707	0.649	0.726	0.749	0.695	0.741	0.723
D	16	8.48	76.95	TransMin	0.250	0.434	0.455	0.339	0.419	0.400	0.431	0.176	0.228	0.211	0.184	0.328
D	16	8.48	76.95	TransT5	0.693	0.703	0.695	0.700	0.652	0.689	0.638	0.710	0.727	0.682	0.731	0.702
D	16	8.48	76.95	Transl0	******	******	******	******	******	******	******	******	******	******	0.736	******
D	16	8.48	76.95	Transl5	0.691	0.702	******	******	******	******	******	******	******	******	0.720	******
D	16	8.48	76.95	Transl10	0.688	0.693	0.672	******	******	******	******	******	******	******	0.702	0.663
D	63	6.17	102.28	SrfDwn	159	208	198	202	196	198	205	******	129	111	******	******
D	63	6.17	102.28	TotaDwn	391	415	433	434	423	413	416	******	430	418	******	******
D	63	6.17	102.28	CosZAvg	0.277	0.296	0.314	0.321	0.317	0.313	0.315	******	0.316	0.304	******	******
D	63	6.17	102.28	TransMax	0.563	0.593	0.607	0.616	0.618	0.618	0.605	******	0.436	0.423	******	******
D	63	6.17	102.28	TransMin	0.233	0.281	0.155	0.241	0.159	0.157	0.291	******	0.057	0.014	******	******
D	63	6.17	102.28	TransT5	0.571	0.574	0.589	0.597	0.608	0.605	0.598	******	0.436	0.415	******	******
D	63	6.17	102.28	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	63	6.17	102.28	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
D	63	6.17	102.28	Transl10	******	0.565	******	******	******	******	******	******	******	******	******	******
D	64	5.30	100.27	SrfDwn	192	230	232	220	203	208	197	193	153	145	152	191
D	64	5.30	100.27	TotaDwn	395	417	434	433	420	410	413	424	430	421	400	386
D	64	5.30	100.27	CosZAvg	0.280	0.298	0.315	0.320	0.315	0.310	0.312	0.319	0.318	0.306	0.286	0.274
D	64	5.30	100.27	TransMax	0.606	0.635	0.691	0.709	0.656	0.653	0.604	0.575	0.574	0.685	0.611	0.628
D	64	5.30	100.27	TransMin	0.284	0.373	0.295	0.201	0.134	0.180	0.205	0.272	0.113	0.083	0.078	0.214
D	64	5.30	100.27	TransT5	0.589	0.622	0.684	0.709	0.640	0.638	0.595	0.571	0.570	0.685	0.597	0.617
D	64	5.30	100.27	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	64	5.30	100.27	Transl5	******	0.464	******	******	******	******	******	******	******	******	******	0.621
D	64	5.30	100.27	Transl10	******	0.564	******	******	******	******	0.604	******	******	******	******	0.599

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D	65	3.12	101.55	SrfDwn	141	193	178	181	185	192	192	192	190	173	161	181
D	65	3.12	101.55	TopDwn	406	425	436	430	413	401	404	419	430	426	409	398
D	65	3.12	101.55	CosZAvg	0.288	0.303	0.316	0.317	0.310	0.303	0.306	0.315	0.318	0.310	0.293	0.282
D	65	3.12	101.55	TransMax	0.499	0.639	0.547	0.574	0.618	0.682	0.621	0.586	0.593	0.573	0.585	0.594
D	65	3.12	101.55	TransMin	0.122	0.223	0.166	0.220	0.178	0.238	0.265	0.232	0.250	0.221	0.197	0.282
D	65	3.12	101.55	TransT5	0.485	0.639	0.537	0.561	0.607	0.682	0.607	0.577	0.590	0.573	0.585	0.581
D	65	3.12	101.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	65	3.12	101.55	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
D	65	3.12	101.55	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
D	67	1.37	103.98	SrfDwn	167	219	179	208	199	195	196	197	184	163	167	189
D	67	1.37	103.98	TopDwn	414	430	437	427	407	393	397	415	429	429	416	407
D	67	1.37	103.98	CosZAvg	0.293	0.307	0.317	0.315	0.305	0.297	0.301	0.312	0.318	0.312	0.298	0.288
D	67	1.37	103.98	TransMax	0.638	0.661	0.662	0.637	0.694	0.652	0.694	0.649	0.643	0.655	0.599	0.690
D	67	1.37	103.98	TransMin	0.080	0.363	0.101	0.194	0.114	0.095	0.183	0.160	0.083	0.230	0.147	0.090
D	67	1.37	103.98	TransT5	0.623	0.646	0.645	0.634	0.694	0.649	0.680	0.649	0.637	0.651	0.599	0.678
D	67	1.37	103.98	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
D	67	1.37	103.98	Transl5	******	******	******	******	******	******	******	0.649	******	******	******	******
D	67	1.37	103.98	Transl10	******	******	******	******	******	******	0.673	0.649	******	******	******	******
E	25	23.17	-82.35	SrfDwn	165	205	220	316	298	271	305	289	280	213	201	139
E	25	23.17	-82.35	TopDwn	293	340	395	437	458	484	459	442	407	356	305	278
E	25	23.17	-82.35	CosZAvg	0.208	0.243	0.286	0.322	0.343	0.351	0.348	0.332	0.302	0.259	0.218	0.197
E	25	23.17	-82.35	TransMax	0.811	0.784	0.772	0.783	0.773	0.755	0.778	0.750	0.726	0.719	0.753	0.738
E	25	23.17	-82.35	TransMin	0.237	0.112	0.088	0.501	0.195	0.370	0.412	0.164	0.456	0.324	0.515	0.132
E	25	23.17	-82.35	TransT5	0.811	0.775	0.763	0.764	0.765	0.755	0.760	0.731	0.712	0.707	0.744	0.725
E	25	23.17	-82.35	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	25	23.17	-82.35	Transl5	******	0.727	******	0.740	******	******	******	******	******	******	******	******
E	25	23.17	-82.35	Transl10	0.676	0.714	0.605	0.750	0.773	******	0.728	******	******	******	******	0.833
E	26	20.58	-99.20	SrfDwn	219	271	308	******	282	265	286	299	265	217	205	196
E	26	20.58	-99.20	TopDwn	310	354	403	******	455	458	455	442	413	368	320	295
E	26	20.58	-99.20	CosZAvg	0.220	0.253	0.292	******	0.341	0.347	0.344	0.332	0.306	0.268	0.229	0.209
E	26	20.58	-99.20	TransMax	0.824	0.897	0.861	******	0.767	0.819	0.789	0.782	0.827	0.830	0.790	0.787
E	26	20.58	-99.20	TransMin	0.425	0.538	0.765	******	0.254	0.212	0.302	0.340	0.230	0.216	0.235	0.435
E	26	20.58	-99.20	TransT5	0.804	0.880	0.845	******	0.767	0.804	0.773	0.771	0.805	0.827	0.776	0.771
E	26	20.58	-99.20	Transl0	******	******	******	******	******	******	******	******	******	******	0.736	******
E	26	20.58	-99.20	Transl5	******	0.823	******	******	******	******	******	******	******	******	0.736	******
E	26	20.58	-99.20	Transl10	0.754	0.833	0.830	******	******	******	******	******	******	0.824	0.733	0.729
E	29	19.33	-99.18	SrfDwn	186	223	271	221	205	211	203	217	209	175	171	172
E	29	19.33	-99.18	TopDwn	318	360	406	439	453	455	452	441	415	373	327	303
E	29	19.33	-99.18	CosZAvg	0.225	0.257	0.295	0.324	0.340	0.344	0.342	0.332	0.308	0.271	0.234	0.215
E	29	19.33	-99.18	TransMax	0.693	0.774	0.745	0.733	0.685	0.632	0.682	0.705	0.669	0.656	0.737	0.783
E	29	19.33	-99.18	TransMin	0.383	0.384	0.477	0.292	0.173	0.196	0.036	0.284	0.299	0.075	0.119	0.210
E	29	19.33	-99.18	TransT5	0.685	0.756	0.733	0.718	0.672	0.616	0.679	0.696	0.683	0.647	0.725	0.766
E	29	19.33	-99.18	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	29	19.33	-99.18	Transl5	0.629	0.735	0.728	******	******	******	******	******	******	******	0.624	******
E	29	19.33	-99.18	Transl10	0.615	0.704	0.684	0.718	******	******	0.057	******	******	******	0.678	0.605
E	26	16.27	-61.52	SrfDwn	179	200	229	243	241	242	231	229	204	188	168	180
E	26	16.27	-61.52	TopDwn	336	374	415	440	448	447	445	440	421	385	345	322
E	26	16.27	-61.52	CosZAvg	0.238	0.268	0.301	0.325	0.336	0.338	0.337	0.330	0.312	0.280	0.247	0.229
E	26	16.27	-61.52	TransMax	0.746	0.677	0.698	0.704	0.711	0.657	0.686	0.698	0.687	0.674	0.654	0.685
E	26	16.27	-61.52	TransMin	0.244	0.311	0.228	0.290	0.128	0.268	0.238	0.125	0.161	0.112	0.317	0.340
E	26	16.27	-61.52	TransT5	0.746	0.659	0.684	0.688	0.700	0.640	0.651	0.685	0.663	0.658	0.646	0.656
E	26	16.27	-61.52	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	26	16.27	-61.52	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	26	16.27	-61.52	Transl10	0.477	******	******	******	******	******	******	******	******	******	******	******
E	27	14.60	-61.00	SrfDwn	208	238	253	251	239	254	257	235	230	227	183	190
E	27	14.60	-61.00	TopDwn	346	382	418	440	445	442	441	438	423	392	354	333
E	27	14.60	-61.00	CosZAvg	0.245	0.273	0.304	0.325	0.333	0.335	0.334	0.329	0.313	0.285	0.253	0.236
E	27	14.60	-61.00	TransMax	0.700	0.766	0.731	0.692	0.747	0.706	0.728	0.675	0.713	0.750	0.687	0.716
E	27	14.60	-61.00	TransMin	0.418	0.441	0.467	0.336	0.138	0.242	0.159	0.238	0.275	0.258	0.313	0.365
E	27	14.60	-61.00	TransT5	0.689	0.766	0.714	0.672	0.747	0.706	0.715	0.658	0.704	0.736	0.675	0.716
E	27	14.60	-61.00	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	27	14.60	-61.00	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	27	14.60	-61.00	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	24	13.15	-59.62	SrfDwn	190	215	205	225	211	214	234	214	218	208	177	189
E	24	13.15	-59.62	TopDwn	354	388	422	440	441	438	437	437	425	397	362	342
E	24	13.15	-59.62	CosZAvg	0.251	0.277	0.306	0.325	0.331	0.331	0.331	0.328	0.315	0.289	0.259	0.242
E	24	13.15	-59.62	TransMax	0.639	0.634	0.625	0.615	0.631	0.626	0.655	0.613	0.663	0.656	0.648	0.629
E	24	13.15	-59.62	TransMin	0.422	0.374	0.171	0.290	0.152	0.232	0.413	0.199	0.085	0.249	0.197	0.431
E	24	13.15	-59.62	TransT5	0.627	0.621	0.615	0.603	0.621	0.609	0.653	0.600	0.663	0.654	0.644	0.614
E	24	13.15	-59.62	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	24	13.15	-59.62	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	24	13.15	-59.62	Transl10	******	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
E	8	11.42	-69.68	SrfDwn	220	238	259	219	238	247	252	242	228	208	199	196
E	8	11.42	-69.68	TopDwn	384	395	425	439	437	432	433	435	427	403	370	352
E	8	11.42	-69.68	CosZAvg	0.258	0.283	0.308	0.324	0.328	0.327	0.328	0.327	0.316	0.293	0.265	0.250
E	8	11.42	-69.68	TransMax	0.679	0.684	0.690	0.682	0.668	0.665	0.659	0.661	0.648	0.638	0.644	0.645
E	8	11.42	-69.68	TransMin	0.413	0.229	0.257	0.343	0.194	0.408	0.434	0.399	0.229	0.237	0.225	0.326
E	8	11.42	-69.68	TransT5	0.655	0.665	0.673	0.649	0.651	0.646	0.640	0.649	0.634	0.628	0.630	0.630
E	8	11.42	-69.68	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	8	11.42	-69.68	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
E	8	11.42	-69.68	Trans110	******	******	******	******	******	******	******	******	******	******	0.620	0.597
E	9	10.60	-66.98	SrfDwn	187	217	248	223	216	234	241	231	227	201	182	185
E	9	10.60	-66.98	TopDwn	388	399	427	439	435	429	430	434	427	405	375	357
E	9	10.60	-66.98	CosZAvg	0.261	0.285	0.309	0.324	0.326	0.325	0.326	0.326	0.317	0.295	0.268	0.253
E	9	10.60	-66.98	TransMax	0.598	0.680	0.661	0.637	0.630	0.652	0.646	0.650	0.639	0.604	0.608	0.640
E	9	10.60	-66.98	TransMin	0.379	0.254	0.398	0.244	0.111	0.389	0.416	0.283	0.305	0.277	0.241	0.303
E	9	10.60	-66.98	TransT5	0.598	0.680	0.644	0.621	0.619	0.640	0.636	0.638	0.626	0.598	0.595	0.624
E	9	10.60	-66.98	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	9	10.60	-66.98	Trans15	******	******	******	******	0.621	******	******	******	******	******	******	******
E	9	10.60	-66.98	Trans110	******	******	******	******	0.624	******	0.608	******	******	******	******	******
E	10	10.58	-62.32	SrfDwn	******	******	******	******	******	******	******	******	******	******	198	202
E	10	10.58	-62.32	TopDwn	******	******	******	******	******	******	******	******	******	******	375	357
E	10	10.58	-62.32	CosZAvg	******	******	******	******	******	******	******	******	******	******	0.268	0.253
E	10	10.58	-62.32	TransMax	******	******	******	******	******	******	******	******	******	******	0.647	0.636
E	10	10.58	-62.32	TransMin	******	******	******	******	******	******	******	******	******	******	0.310	0.250
E	10	10.58	-62.32	TransT5	******	******	******	******	******	******	******	******	******	******	0.633	0.621
E	10	10.58	-62.32	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	10	10.58	-62.32	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
E	10	10.58	-62.32	Trans110	******	******	******	******	******	******	******	******	******	******	******	******
E	11	10.57	-71.73	SrfDwn	155	158	189	153	158	185	198	186	164	******	152	148
E	11	10.57	-71.73	TopDwn	388	399	427	439	435	429	430	434	428	******	375	357
E	11	10.57	-71.73	CosZAvg	0.261	0.285	0.309	0.324	0.326	0.325	0.326	0.326	0.317	******	0.268	0.253
E	11	10.57	-71.73	TransMax	0.519	0.533	0.543	0.546	0.557	0.529	0.525	0.520	0.528	******	0.506	0.500
E	11	10.57	-71.73	TransMin	0.295	0.205	0.307	0.221	0.157	0.174	0.286	0.220	0.181	******	0.200	0.311
E	11	10.57	-71.73	TransT5	0.506	0.530	0.531	0.546	0.557	0.512	0.513	0.512	0.522	******	0.498	0.485
E	11	10.57	-71.73	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	11	10.57	-71.73	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
E	11	10.57	-71.73	Trans110	******	******	******	******	******	******	******	******	******	******	0.505	******
E	12	10.50	-66.88	SrfDwn	186	186	207	198	197	192	202	198	191	188	158	172
E	12	10.50	-66.88	TopDwn	369	399	427	438	435	429	430	433	428	406	375	357
E	12	10.50	-66.88	CosZAvg	0.261	0.285	0.310	0.324	0.326	0.325	0.325	0.326	0.317	0.295	0.269	0.253
E	12	10.50	-66.88	TransMax	0.637	0.618	0.610	0.580	0.623	0.625	0.607	0.596	0.563	0.588	0.576	0.635
E	12	10.50	-66.88	TransMin	0.379	0.187	0.347	0.192	0.138	0.238	0.342	0.327	0.234	0.202	0.104	0.298
E	12	10.50	-66.88	TransT5	0.636	0.607	0.602	0.550	0.607	0.625	0.596	0.581	0.555	0.573	0.566	0.624
E	12	10.50	-66.88	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	12	10.50	-66.88	Trans15	******	******	******	******	0.623	******	******	******	******	******	******	******
E	12	10.50	-66.88	Trans110	******	******	******	******	0.618	******	0.556	******	******	******	******	******
E	13	10.25	-67.65	SrfDwn	176	206	221	193	184	188	199	201	195	197	178	170
E	13	10.25	-67.65	TopDwn	370	400	427	438	434	428	429	433	428	406	376	359
E	13	10.25	-67.65	CosZAvg	0.262	0.286	0.310	0.324	0.326	0.324	0.325	0.325	0.317	0.296	0.269	0.254
E	13	10.25	-67.65	TransMax	0.582	0.612	0.598	0.563	0.580	0.556	0.611	0.580	0.608	0.595	0.622	0.597
E	13	10.25	-67.65	TransMin	0.295	0.366	0.384	0.222	0.099	0.217	0.286	0.261	0.245	0.324	0.328	0.308
E	13	10.25	-67.65	TransT5	0.582	0.601	0.583	0.554	0.546	0.547	0.598	0.563	0.608	0.582	0.614	0.587
E	13	10.25	-67.65	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	13	10.25	-67.65	Trans15	******	******	******	******	0.560	******	******	******	******	******	******	******
E	13	10.25	-67.65	Trans110	******	******	******	******	0.558	******	0.599	******	******	******	******	******
E	14	10.12	-64.68	SrfDwn	172	197	211	212	209	191	195	193	185	188	168	167
E	14	10.12	-64.68	TopDwn	371	400	427	438	434	428	429	433	428	407	377	359
E	14	10.12	-64.68	CosZAvg	0.263	0.286	0.310	0.323	0.325	0.324	0.325	0.325	0.317	0.296	0.270	0.255
E	14	10.12	-64.68	TransMax	0.554	0.541	0.552	0.533	0.602	0.572	0.582	0.538	0.600	0.553	0.515	0.533
E	14	10.12	-64.68	TransMin	0.335	0.319	0.309	0.383	0.086	0.243	0.326	0.272	0.211	0.226	0.340	0.272
E	14	10.12	-64.68	TransT5	0.554	0.531	0.539	0.522	0.583	0.555	0.549	0.525	0.600	0.550	0.507	0.516
E	14	10.12	-64.68	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	14	10.12	-64.68	Trans15	******	******	******	0.522	0.569	******	******	******	******	******	******	0.497
E	14	10.12	-64.68	Trans110	0.483	0.496	0.526	0.511	0.573	0.539	0.530	0.484	******	******	******	0.513
E	15	10.07	-69.32	SrfDwn	172	173	195	156	170	182	193	187	186	174	163	171
E	15	10.07	-69.32	TopDwn	371	401	428	438	434	428	429	433	428	407	377	360
E	15	10.07	-69.32	CosZAvg	0.263	0.286	0.310	0.323	0.325	0.323	0.324	0.325	0.317	0.296	0.270	0.255
E	15	10.07	-69.32	TransMax	0.570	0.542	0.551	0.535	0.526	0.545	0.532	0.552	0.547	0.539	0.572	0.568
E	15	10.07	-69.32	TransMin	0.322	0.237	0.338	0.047	0.202	0.168	0.280	0.291	0.215	0.255	0.113	0.279
E	15	10.07	-69.32	TransT5	0.570	0.529	0.547	0.522	0.511	0.533	0.522	0.538	0.545	0.526	0.572	0.555
E	15	10.07	-69.32	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
E	15	10.07	-69.32	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
E	15	10.07	-69.32	Trans110	******	******	******	******	******	******	******	******	******	******	0.514	0.478

Table 2. Continued

Reg	Sta	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
E	16	9.75	-63.18	SrfDwn	182	197	220	212	197	184	190	193	197	186	173	168
E	16	9.75	-63.18	TosDwn	373	402	428	438	433	426	426	432	428	408	379	362
E	16	9.75	-63.18	CosZAvg	0.284	0.287	0.310	0.323	0.325	0.323	0.324	0.325	0.317	0.297	0.271	0.256
E	16	9.75	-63.18	TransMax	0.558	0.573	0.689	0.542	0.599	0.553	0.574	0.581	0.558	0.563	0.559	0.563
E	16	9.75	-63.18	TransMin	0.314	0.382	0.410	0.430	0.114	0.212	0.284	0.292	0.345	0.134	0.313	0.176
E	16	9.75	-63.18	TransT5	0.546	0.562	0.689	0.528	0.599	0.541	0.559	0.581	0.542	0.550	0.559	0.551
E	16	9.75	-63.18	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	16	9.75	-63.18	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	16	9.75	-63.18	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	17	8.60	-71.18	SrfDwn	204	197	223	187	209	196	221	211	218	185	185	201
E	17	8.60	-71.18	TosDwn	379	406	430	437	430	422	424	430	429	411	384	368
E	17	8.60	-71.18	CosZAvg	0.288	0.290	0.312	0.323	0.322	0.319	0.321	0.323	0.318	0.299	0.275	0.261
E	17	8.60	-71.18	TransMax	0.643	0.600	0.643	0.581	0.651	0.612	0.650	0.625	0.644	0.591	0.610	0.623
E	17	8.60	-71.18	TransMin	0.237	0.237	0.310	0.227	0.211	0.305	0.244	0.107	0.387	0.280	0.289	0.360
E	17	8.60	-71.18	TransT5	0.643	0.591	0.632	0.577	0.640	0.612	0.636	0.613	0.632	0.581	0.610	0.610
E	17	8.60	-71.18	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	17	8.60	-71.18	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	17	8.60	-71.18	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	18	8.15	-63.55	SrfDwn	173	196	212	******	186	170	181	204	195	182	165	160
E	18	8.15	-63.55	TosDwn	381	408	430	******	429	421	422	430	429	413	386	371
E	18	8.15	-63.55	CosZAvg	0.270	0.292	0.312	******	0.321	0.318	0.320	0.323	0.318	0.300	0.277	0.263
E	18	8.15	-63.55	TransMax	0.545	0.561	0.574	******	0.544	0.542	0.526	0.562	0.545	0.539	0.550	0.529
E	18	8.15	-63.55	TransMin	0.337	0.295	0.308	******	0.197	0.092	0.152	0.325	0.216	0.182	0.285	0.350
E	18	8.15	-63.55	TransT5	0.536	0.553	0.558	******	0.532	0.529	0.515	0.552	0.531	0.530	0.550	0.519
E	18	8.15	-63.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	18	8.15	-63.55	Transl5	******	******	0.554	******	******	******	******	******	******	******	******	******
E	18	8.15	-63.55	Transl10	0.540	******	0.554	******	0.494	******	******	******	******	******	******	0.514
E	19	7.90	-67.42	SrfDwn	190	205	215	193	178	180	187	189	192	192	177	176
E	19	7.90	-67.42	TosDwn	382	409	431	436	428	420	422	429	429	413	388	372
E	19	7.90	-67.42	CosZAvg	0.271	0.292	0.313	0.322	0.321	0.318	0.319	0.322	0.318	0.301	0.278	0.264
E	19	7.90	-67.42	TransMax	0.561	0.566	0.551	0.533	0.580	0.583	0.554	0.575	0.561	0.568	0.545	0.540
E	19	7.90	-67.42	TransMin	0.384	0.368	0.377	0.107	0.125	0.113	0.247	0.167	0.111	0.162	0.213	0.323
E	19	7.90	-67.42	TransT5	0.551	0.557	0.532	0.518	0.586	0.571	0.538	0.562	0.548	0.552	0.531	0.527
E	19	7.90	-67.42	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	19	7.90	-67.42	Transl5	******	******	******	******	******	******	******	******	******	******	******	0.530
E	19	7.90	-67.42	Transl10	0.501	0.555	0.514	0.513	******	0.583	******	0.522	0.549	******	0.520	0.530
E	20	7.85	-72.45	SrfDwn	158	162	158	150	194	177	197	200	194	174	149	167
E	20	7.85	-72.45	TosDwn	383	409	431	436	426	420	421	429	429	413	388	372
E	20	7.85	-72.45	CosZAvg	0.271	0.292	0.313	0.322	0.321	0.317	0.319	0.322	0.318	0.301	0.278	0.264
E	20	7.85	-72.45	TransMax	0.581	0.580	0.543	0.565	0.604	0.614	0.635	0.636	0.582	0.585	0.565	0.586
E	20	7.85	-72.45	TransMin	0.210	0.161	0.064	0.093	0.155	0.201	0.204	0.214	0.193	0.210	0.132	0.237
E	20	7.85	-72.45	TransT5	0.565	0.567	0.532	0.575	0.604	0.614	0.618	0.618	0.566	0.575	0.558	0.572
E	20	7.85	-72.45	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	20	7.85	-72.45	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	20	7.85	-72.45	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	21	7.30	-61.45	SrfDwn	154	164	187	175	177	161	164	189	194	173	158	149
E	21	7.30	-61.45	TosDwn	385	411	432	436	426	417	420	428	429	415	390	375
E	21	7.30	-61.45	CosZAvg	0.273	0.294	0.313	0.322	0.319	0.316	0.318	0.322	0.318	0.302	0.280	0.266
E	21	7.30	-61.45	TransMax	0.497	0.480	0.501	0.454	0.487	0.487	0.495	0.549	0.509	0.480	0.495	0.535
E	21	7.30	-61.45	TransMin	0.278	0.270	0.371	0.308	0.308	0.243	0.127	0.272	0.331	0.225	0.250	0.279
E	21	7.30	-61.45	TransT5	0.487	0.470	0.488	0.443	0.472	0.473	0.495	0.536	0.497	0.473	0.482	0.535
E	21	7.30	-61.45	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	21	7.30	-61.45	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	21	7.30	-61.45	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	22	5.60	-67.50	SrfDwn	197	206	213	184	161	163	160	171	181	******	170	175
E	22	5.60	-67.50	TosDwn	394	417	434	434	421	411	414	425	430	******	398	385
E	22	5.60	-67.50	CosZAvg	0.279	0.298	0.315	0.320	0.315	0.311	0.313	0.319	0.318	******	0.285	0.273
E	22	5.60	-67.50	TransMax	0.575	0.600	0.589	0.638	0.605	0.561	0.586	0.556	0.596	******	0.553	0.523
E	22	5.60	-67.50	TransMin	0.384	0.166	0.342	0.147	0.092	0.194	0.104	0.146	0.241	******	0.111	0.319
E	22	5.60	-67.50	TransT5	0.561	0.583	0.574	0.638	0.605	0.556	0.565	0.556	0.596	******	0.542	0.511
E	22	5.60	-67.50	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	22	5.60	-67.50	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	22	5.60	-67.50	Transl10	0.588	0.600	******	******	******	******	******	******	******	******	******	******
E	4	4.83	-52.37	SrfDwn	152	191	205	214	189	174	221	244	276	243	209	163
E	4	4.83	-52.37	TosDwn	398	419	435	433	419	408	411	423	430	421	402	389
E	4	4.83	-52.37	CosZAvg	0.282	0.300	0.315	0.319	0.314	0.309	0.311	0.318	0.318	0.307	0.286	0.276
E	4	4.83	-52.37	TransMax	0.721	0.668	0.713	0.645	0.682	0.630	0.684	0.728	0.743	0.710	0.702	0.647
E	4	4.83	-52.37	TransMin	0.112	0.226	0.122	0.323	0.141	0.120	0.274	0.323	0.486	0.268	0.306	0.129
E	4	4.83	-52.37	TransT5	0.721	0.662	0.713	0.632	0.682	0.614	0.669	0.711	0.724	0.695	0.699	0.647
E	4	4.83	-52.37	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	4	4.83	-52.37	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	4	4.83	-52.37	Transl10	******	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
E	23	4.60	-61.12	SrfDwn	179	177	197	200	183	162	185	198	206	195	162	160
E	23	4.60	-61.12	TosDwn	399	420	435	432	418	407	410	423	430	422	403	390
E	23	4.60	-61.12	CosZAvg	0.283	0.300	0.315	0.319	0.313	0.308	0.310	0.318	0.318	0.307	0.288	0.277
E	23	4.60	-61.12	TransMax	0.580	0.568	0.535	0.564	0.574	0.554	0.590	0.578	0.572	0.578	0.525	0.523
E	23	4.60	-61.12	TransMin	0.236	0.120	0.333	0.331	0.275	0.230	0.310	0.288	0.347	0.269	0.246	0.300
E	23	4.60	-61.12	TransT5	0.580	0.557	0.522	0.551	0.564	0.544	0.590	0.566	0.564	0.569	0.517	0.512
E	23	4.60	-61.12	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	23	4.60	-61.12	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	23	4.60	-61.12	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	5	-5.18	-80.60	SrfDwn	242	277	******	******	221	221	196	218	257	258	239	237
E	5	-5.18	-80.60	TosDwn	441	446	******	******	381	382	389	396	424	439	440	437
E	5	-5.18	-80.60	CosZAvg	0.313	0.319	******	******	0.285	0.274	0.280	0.297	0.314	0.320	0.315	0.310
E	5	-5.18	-80.60	TransMax	0.674	0.701	******	******	0.700	0.703	0.678	0.711	0.697	0.679	0.636	0.686
E	5	-5.18	-80.60	TransMin	0.304	0.433	******	******	0.278	0.376	0.250	0.351	0.514	0.430	0.324	0.255
E	5	-5.18	-80.60	TransT5	0.658	0.694	******	******	0.684	0.687	0.657	0.694	0.686	0.667	0.622	0.686
E	5	-5.18	-80.60	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	5	-5.18	-80.60	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	5	-5.18	-80.60	Transl10	0.646	0.685	******	******	******	******	******	******	******	******	******	0.650
E	6	-12.03	-75.32	SrfDwn	233	225	208	221	237	233	227	249	242	280	274	244
E	6	-12.03	-75.32	TosDwn	484	457	433	391	349	326	335	370	413	444	459	463
E	6	-12.03	-75.32	CosZAvg	0.329	0.327	0.314	0.289	0.261	0.247	0.254	0.278	0.305	0.323	0.329	0.328
E	6	-12.03	-75.32	TransMax	0.703	0.606	0.644	0.712	0.836	0.758	0.792	0.801	0.720	0.773	0.789	0.741
E	6	-12.03	-75.32	TransMin	0.286	0.281	0.267	0.394	0.230	0.505	0.373	0.326	0.419	0.384	0.230	0.302
E	6	-12.03	-75.32	TransT5	0.703	0.596	0.629	0.709	0.836	0.747	0.768	0.781	0.707	0.754	0.776	0.721
E	6	-12.03	-75.32	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	6	-12.03	-75.32	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	6	-12.03	-75.32	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
E	7	-16.32	-71.55	SrfDwn	239	200	220	249	233	221	221	244	293	330	330	******
E	7	-16.32	-71.55	TosDwn	476	461	426	375	327	302	312	352	402	444	468	******
E	7	-16.32	-71.55	CosZAvg	0.337	0.329	0.309	0.277	0.245	0.228	0.236	0.264	0.298	0.323	0.335	******
E	7	-16.32	-71.55	TransMax	0.717	0.575	0.722	0.739	0.769	0.755	0.764	0.776	0.784	0.796	0.769	******
E	7	-16.32	-71.55	TransMin	0.152	0.163	0.279	0.460	0.404	0.672	0.507	0.180	0.557	0.544	0.438	******
E	7	-16.32	-71.55	TransT5	0.717	0.565	0.704	0.717	0.752	0.739	0.747	0.756	0.780	0.771	0.746	******
E	7	-16.32	-71.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	7	-16.32	-71.55	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	7	-16.32	-71.55	Transl10	******	******	******	******	0.759	******	0.689	******	******	******	******	******
E	3	-33.03	-71.60	SrfDwn	257	203	171	124	71	61	74	80	164	169	233	265
E	3	-33.03	-71.60	TosDwn	499	452	379	295	228	196	210	264	342	421	482	510
E	3	-33.03	-71.60	CosZAvg	0.353	0.323	0.275	0.218	0.171	0.148	0.159	0.198	0.253	0.306	0.345	0.362
E	3	-33.03	-71.60	TransMax	0.607	0.623	0.605	0.582	0.518	0.557	0.501	0.530	0.614	0.637	0.643	0.623
E	3	-33.03	-71.60	TransMin	0.294	0.183	0.158	0.097	0.042	0.084	0.078	0.032	0.127	0.131	0.165	0.188
E	3	-33.03	-71.60	TransT5	0.593	0.623	0.589	0.563	0.503	0.557	0.488	0.520	0.600	0.623	0.626	0.609
E	3	-33.03	-71.60	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
E	3	-33.03	-71.60	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
E	3	-33.03	-71.60	Transl10	0.600	******	0.310	******	******	******	******	******	******	******	******	******
E	2	-34.58	-58.48	SrfDwn	272	285	212	143	102	77	104	104	170	233	233	303
E	2	-34.58	-58.48	TosDwn	499	449	373	287	218	186	199	255	335	417	481	511
E	2	-34.58	-58.48	CosZAvg	0.354	0.321	0.270	0.211	0.163	0.140	0.151	0.191	0.248	0.304	0.345	0.363
E	2	-34.58	-58.48	TransMax	0.758	0.748	0.731	0.743	0.748	0.708	0.714	0.707	0.762	0.757	0.728	0.742
E	2	-34.58	-58.48	TransMin	0.082	0.281	0.044	0.021	0.027	0.056	0.049	0.034	0.091	0.064	0.202	0.218
E	2	-34.58	-58.48	TransT5	0.740	0.733	0.718	0.723	0.731	0.693	0.700	0.688	0.744	0.739	0.719	0.732
E	2	-34.58	-58.48	Transl0	******	0.631	0.715	0.680	0.619	0.671	0.687	******	******	0.738	0.719	0.730
E	2	-34.58	-58.48	Transl5	0.706	0.698	0.704	0.700	0.670	0.671	0.689	******	0.604	0.733	0.719	0.716
E	2	-34.58	-58.48	Transl10	0.702	0.700	0.695	0.699	0.681	0.684	0.686	******	0.632	0.733	0.719	0.702
F	27	33.57	-7.67	SrfDwn	118	134	197	247	279	283	288	282	225	187	131	95
F	27	33.57	-7.67	TosDwn	223	280	353	420	482	479	489	434	376	304	238	206
F	27	33.57	-7.67	CosZAvg	0.158	0.200	0.256	0.310	0.347	0.382	0.355	0.326	0.279	0.221	0.171	0.146
F	27	33.57	-7.67	TransMax	0.690	0.686	0.728	0.718	0.717	0.737	0.691	0.698	0.732	0.941	0.726	0.700
F	27	33.57	-7.67	TransMin	0.235	0.163	0.221	0.301	0.313	0.212	0.286	0.229	0.305	0.396	0.250	0.171
F	27	33.57	-7.67	TransT5	0.678	0.654	0.706	0.701	0.701	0.714	0.679	0.675	0.732	0.927	0.710	0.700
F	27	33.57	-7.67	Transl0	******	******	0.707	******	******	******	******	******	******	******	0.725	0.568
F	27	33.57	-7.67	Transl5	0.673	******	0.661	0.717	******	0.702	0.654	0.674	0.686	0.635	0.573	0.561
F	27	33.57	-7.67	Transl10	0.676	0.659	0.685	0.717	0.675	0.702	0.641	0.670	0.656	0.623	0.585	0.587
F	26	33.07	-16.35	SrfDwn	116	174	197	230	284	236	247	******	202	166	126	112
F	26	33.07	-16.35	TosDwn	227	283	356	421	463	478	489	******	378	307	242	209
F	26	33.07	-16.35	CosZAvg	0.161	0.203	0.258	0.311	0.347	0.362	0.355	******	0.280	0.223	0.173	0.148
F	26	33.07	-16.35	TransMax	0.703	0.668	0.747	0.784	0.753	0.743	0.680	******	0.769	0.801	0.768	0.737
F	26	33.07	-16.35	TransMin	0.230	0.185	0.138	0.138	0.186	0.221	0.369	******	0.317	0.200	0.299	0.251
F	26	33.07	-16.35	TransT5	0.695	0.661	0.739	0.782	0.742	0.730	0.680	******	0.769	0.801	0.750	0.719
F	26	33.07	-16.35	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	26	33.07	-16.35	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	26	33.07	-16.35	Transl10	******	******	0.738	******	0.675	******	******	******	******	******	******	0.707

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	4	31.62	25.90	SrfDwn	133	169	219	268	310	312	324	298	248	178	129	120
F	4	31.62	25.90	TotDwn	237	292	362	424	462	477	468	437	383	315	252	220
F	4	31.62	25.90	CosZAvg	0.168	0.209	0.262	0.313	0.347	0.361	0.355	0.328	0.284	0.229	0.180	0.156
F	4	31.62	25.90	TransMax	0.684	0.715	0.739	0.747	0.738	0.732	0.730	0.731	0.698	0.690	0.657	0.667
F	4	31.62	25.90	TransMin	0.210	0.255	0.343	0.256	0.410	0.277	0.641	0.594	0.349	0.262	0.250	0.279
F	4	31.62	25.90	TransT5	0.670	0.700	0.715	0.734	0.714	0.711	0.710	0.711	0.683	0.667	0.643	0.646
F	4	31.62	25.90	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	4	31.62	25.90	Trans15	******	******	******	******	******	******	******	******	******	******	0.588	******
F	4	31.62	25.90	Trans110	0.667	0.686	0.697	******	******	******	******	******	******	******	0.588	******
F	5	31.33	27.22	SrfDwn	129	174	215	276	314	325	325	298	247	186	141	120
F	5	31.33	27.22	TotDwn	239	294	363	424	462	477	468	437	384	317	253	222
F	5	31.33	27.22	CosZAvg	0.169	0.210	0.263	0.313	0.347	0.360	0.354	0.328	0.285	0.230	0.182	0.157
F	5	31.33	27.22	TransMax	0.686	0.710	0.720	0.741	0.745	0.725	0.722	0.712	0.703	0.677	0.674	0.661
F	5	31.33	27.22	TransMin	0.134	0.215	0.325	0.356	0.448	0.520	0.647	0.625	0.268	0.332	0.309	0.268
F	5	31.33	27.22	TransT5	0.674	0.701	0.706	0.720	0.722	0.708	0.705	0.693	0.681	0.661	0.655	0.648
F	5	31.33	27.22	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	5	31.33	27.22	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
F	5	31.33	27.22	Trans110	0.684	0.702	******	******	******	******	******	0.706	******	******	******	******
F	6	31.08	33.75	SrfDwn	148	177	232	280	321	335	330	303	251	195	144	131
F	6	31.08	33.75	TotDwn	240	295	364	425	462	476	468	437	385	318	255	223
F	6	31.08	33.75	CosZAvg	0.170	0.211	0.264	0.314	0.347	0.360	0.354	0.329	0.285	0.231	0.183	0.158
F	6	31.08	33.75	TransMax	0.689	0.721	0.740	0.752	0.740	0.722	0.742	0.727	0.695	0.688	0.713	0.702
F	6	31.08	33.75	TransMin	0.282	0.188	0.448	0.294	0.582	0.633	0.652	0.646	0.538	0.515	0.195	0.271
F	6	31.08	33.75	TransT5	0.673	0.704	0.717	0.745	0.723	0.711	0.724	0.707	0.677	0.678	0.695	0.685
F	6	31.08	33.75	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	6	31.08	33.75	Trans15	******	******	******	******	******	******	******	0.722	******	******	******	******
F	6	31.08	33.75	Trans110	0.657	0.713	0.740	0.730	0.732	0.713	0.696	0.704	0.670	0.590	******	0.674
F	7	30.65	30.70	SrfDwn	139	169	218	255	298	311	310	282	234	179	136	127
F	7	30.65	30.70	TotDwn	243	298	366	425	462	476	468	438	387	320	258	226
F	7	30.65	30.70	CosZAvg	0.172	0.213	0.265	0.314	0.347	0.360	0.354	0.329	0.286	0.233	0.185	0.161
F	7	30.65	30.70	TransMax	0.689	0.694	0.696	0.713	0.715	0.694	0.705	0.683	0.663	0.646	0.641	0.970
F	7	30.65	30.70	TransMin	0.283	0.173	0.365	0.341	0.506	0.543	0.627	0.541	0.497	0.387	0.207	0.228
F	7	30.65	30.70	TransT5	0.680	0.675	0.676	0.695	0.692	0.673	0.683	0.657	0.645	0.632	0.624	0.970
F	7	30.65	30.70	Trans10	******	******	******	******	******	******	******	0.681	******	******	******	0.652
F	7	30.65	30.70	Trans15	0.626	0.685	******	0.685	0.675	0.663	******	0.664	0.640	******	******	0.648
F	7	30.65	30.70	Trans110	0.626	0.686	0.696	0.684	0.674	0.664	0.670	0.651	0.626	******	0.590	0.648
F	8	30.13	31.25	SrfDwn	138	172	231	259	303	324	319	297	249	198	147	129
F	8	30.13	31.25	TotDwn	247	301	368	426	462	475	467	438	388	323	261	230
F	8	30.13	31.25	CosZAvg	0.175	0.215	0.267	0.315	0.347	0.359	0.354	0.329	0.287	0.235	0.187	0.163
F	8	30.13	31.25	TransMax	0.753	0.760	0.754	0.744	0.766	0.722	0.732	0.717	0.711	0.693	0.732	0.690
F	8	30.13	31.25	TransMin	0.363	0.183	0.370	0.343	0.508	0.539	0.637	0.629	0.498	0.399	0.169	0.245
F	8	30.13	31.25	TransT5	0.740	0.747	0.736	0.730	0.743	0.699	0.709	0.698	0.688	0.675	0.732	0.676
F	8	30.13	31.25	Trans10	******	******	******	******	******	******	******	0.694	******	******	******	0.653
F	8	30.13	31.25	Trans15	0.592	0.711	******	0.686	0.695	0.688	******	0.691	0.681	******	******	0.631
F	8	30.13	31.25	Trans110	0.592	0.711	0.754	0.670	0.696	0.692	0.694	0.683	0.667	******	0.665	0.631
F	9	30.08	31.28	SrfDwn	132	162	213	245	288	305	300	278	230	179	132	118
F	9	30.08	31.28	TotDwn	247	301	368	427	462	475	467	438	388	323	262	230
F	9	30.08	31.28	CosZAvg	0.175	0.215	0.267	0.315	0.347	0.359	0.354	0.329	0.288	0.235	0.187	0.163
F	9	30.08	31.28	TransMax	0.633	0.678	0.740	0.704	0.702	0.695	0.697	0.672	0.667	0.637	0.681	0.631
F	9	30.08	31.28	TransMin	0.381	0.165	0.306	0.322	0.474	0.517	0.591	0.586	0.465	0.308	0.165	0.275
F	9	30.08	31.28	TransT5	0.613	0.689	0.723	0.691	0.679	0.673	0.677	0.653	0.650	0.620	0.681	0.615
F	9	30.08	31.28	Trans10	******	******	******	******	******	******	******	0.647	******	******	******	0.601
F	9	30.08	31.28	Trans15	0.604	0.680	******	0.651	0.654	0.647	******	0.646	0.637	******	******	0.580
F	9	30.08	31.28	Trans110	0.604	0.642	0.706	0.642	0.655	0.648	0.659	0.639	0.624	******	0.622	0.580
F	10	27.20	31.17	SrfDwn	165	200	242	284	322	326	323	302	263	217	162	150
F	10	27.20	31.17	TotDwn	267	318	379	431	461	471	465	441	397	338	280	250
F	10	27.20	31.17	CosZAvg	0.189	0.227	0.275	0.318	0.346	0.356	0.352	0.331	0.294	0.246	0.201	0.178
F	10	27.20	31.17	TransMax	0.665	0.703	0.735	0.735	0.732	0.724	0.730	0.712	0.697	0.683	0.679	0.655
F	10	27.20	31.17	TransMin	0.396	0.351	0.205	0.495	0.642	0.637	0.657	0.648	0.572	0.530	0.195	0.411
F	10	27.20	31.17	TransT5	0.653	0.685	0.712	0.714	0.709	0.703	0.713	0.691	0.679	0.667	0.656	0.639
F	10	27.20	31.17	Trans10	0.587	******	******	******	******	******	******	0.708	0.660	******	******	******
F	10	27.20	31.17	Trans15	0.642	0.688	******	0.671	0.700	0.695	0.677	0.684	0.674	0.657	0.589	0.626
F	10	27.20	31.17	Trans110	0.630	0.667	0.686	0.686	0.701	0.695	0.677	0.686	0.671	0.648	0.616	0.617
F	11	25.45	30.53	SrfDwn	185	221	257	291	320	326	321	301	263	225	183	172
F	11	25.45	30.53	TotDwn	278	327	386	434	460	468	462	441	402	346	291	262
F	11	25.45	30.53	CosZAvg	0.197	0.234	0.280	0.320	0.345	0.354	0.350	0.332	0.298	0.252	0.209	0.186
F	11	25.45	30.53	TransMax	0.712	0.726	0.715	0.745	0.729	0.727	0.723	0.704	0.684	0.680	0.676	0.760
F	11	25.45	30.53	TransMin	0.577	0.532	0.463	0.432	0.523	0.653	0.668	0.594	0.589	0.538	0.331	0.545
F	11	25.45	30.53	TransT5	0.692	0.705	0.698	0.725	0.713	0.706	0.705	0.690	0.667	0.662	0.665	0.760
F	11	25.45	30.53	Trans10	******	******	******	******	0.710	0.690	******	0.681	******	******	******	******
F	11	25.45	30.53	Trans15	0.674	0.701	0.692	0.693	0.710	0.698	0.697	0.684	0.663	0.658	0.638	0.667
F	11	25.45	30.53	Trans110	0.676	0.701	0.698	0.691	0.710	0.698	0.695	0.685	0.661	0.657	0.644	0.661

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	12	23.97	32.78	SrfDwn	200	234	275	308	328	334	325	307	271	237	199	181
F	12	23.97	32.78	TotaDwn	288	335	391	436	459	465	460	442	406	353	300	272
F	12	23.97	32.78	CosZAvg	0.204	0.240	0.284	0.322	0.344	0.352	0.349	0.332	0.300	0.257	0.215	0.193
F	12	23.97	32.78	TransMax	0.732	0.743	0.747	0.757	0.817	0.743	0.736	0.722	0.710	0.707	0.705	0.697
F	12	23.97	32.78	TransMin	0.602	0.517	0.609	0.645	0.390	0.661	0.635	0.651	0.600	0.590	0.503	0.489
F	12	23.97	32.78	TransT5	0.714	0.725	0.732	0.734	0.617	0.729	0.716	0.699	0.686	0.686	0.688	0.681
F	12	23.97	32.78	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	12	23.97	32.78	Trans15	0.707	0.720	******	******	******	0.704	******	0.702	0.690	******	******	******
F	12	23.97	32.78	Trans110	0.704	0.718	0.716	0.718	0.735	0.717	******	0.697	0.682	0.677	0.659	0.678
F	50	19.17	30.48	SrfDwn	******	236	******	******	******	273	206	275	268	******	******	******
F	50	19.17	30.48	TotaDwn	******	380	******	******	******	455	452	442	416	******	******	******
F	50	19.17	30.48	CosZAvg	******	0.257	******	******	******	0.344	0.342	0.332	0.308	******	******	******
F	50	19.17	30.48	TransMax	******	0.705	******	******	******	0.681	0.602	0.726	0.689	******	******	******
F	50	19.17	30.48	TransMin	******	0.489	******	******	******	0.454	0.217	0.532	0.547	******	******	******
F	50	19.17	30.48	TransT5	******	0.690	******	******	******	0.672	0.602	0.707	0.654	******	******	******
F	50	19.17	30.48	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	50	19.17	30.48	Trans15	******	0.689	******	******	******	0.601	0.512	0.634	0.680	******	******	******
F	50	19.17	30.48	Trans110	******	0.671	******	******	******	0.606	0.493	0.625	0.653	******	******	******
F	51	17.57	33.93	SrfDwn	******	******	******	******	******	259	******	245	******	******	******	197
F	51	17.57	33.93	TotaDwn	******	******	******	******	******	451	******	441	******	******	******	314
F	51	17.57	33.93	CosZAvg	******	******	******	******	******	0.341	******	0.331	******	******	******	0.223
F	51	17.57	33.93	TransMax	******	******	******	******	******	0.733	******	0.637	******	******	******	0.708
F	51	17.57	33.93	TransMin	******	******	******	******	******	0.375	******	0.434	******	******	******	0.568
F	51	17.57	33.93	TransT5	******	******	******	******	******	0.712	******	0.627	******	******	******	0.692
F	51	17.57	33.93	Trans10	******	******	******	******	******	******	******	0.553	******	******	******	0.660
F	51	17.57	33.93	Trans15	******	******	******	******	******	0.647	******	0.568	******	******	******	0.631
F	51	17.57	33.93	Trans110	******	******	******	******	******	0.640	******	0.575	******	******	******	0.631
F	42	16.65	-14.97	SrfDwn	******	******	******	******	227	244	235	229	224	208	174	166
F	42	16.65	-14.97	TotaDwn	******	******	******	******	449	448	446	440	420	384	343	320
F	42	16.65	-14.97	CosZAvg	******	******	******	******	0.336	0.339	0.338	0.331	0.311	0.280	0.246	0.227
F	42	16.65	-14.97	TransMax	******	******	******	******	0.637	0.646	0.630	0.629	0.683	0.679	0.665	0.693
F	42	16.65	-14.97	TransMin	******	******	******	******	0.114	0.308	0.324	0.322	0.231	0.268	0.137	0.218
F	42	16.65	-14.97	TransT5	******	******	******	******	0.617	0.634	0.621	0.614	0.683	0.679	0.675	0.693
F	42	16.65	-14.97	Trans10	******	******	******	******	******	******	******	******	******	0.603	******	******
F	42	16.65	-14.97	Trans15	******	******	******	******	0.601	0.585	0.572	0.585	******	0.596	******	0.448
F	42	16.65	-14.97	Trans110	******	******	******	******	0.590	0.599	0.580	0.570	0.511	0.574	******	0.446
F	52	15.83	36.15	SrfDwn	******	******	******	******	******	239	244	******	******	******	******	202
F	52	15.83	36.15	TotaDwn	******	******	******	******	******	446	444	******	******	******	******	325
F	52	15.83	36.15	CosZAvg	******	******	******	******	******	0.337	0.336	******	******	******	******	0.231
F	52	15.83	36.15	TransMax	******	******	******	******	******	0.851	0.778	******	******	******	******	0.655
F	52	15.83	36.15	TransMin	******	******	******	******	******	0.386	0.407	******	******	******	******	0.514
F	52	15.83	36.15	TransT5	******	******	******	******	******	0.851	0.778	******	******	******	******	0.647
F	52	15.83	36.15	Trans10	******	******	******	******	******	******	******	******	******	******	******	0.643
F	52	15.83	36.15	Trans15	******	******	******	******	******	******	0.658	******	******	******	******	0.645
F	52	15.83	36.15	Trans110	******	******	******	******	******	0.504	0.651	******	******	******	******	0.642
F	53	15.67	32.53	SrfDwn	222	248	269	292	282	239	235	231	230	227	226	218
F	53	15.67	32.53	TotaDwn	339	377	416	440	447	445	444	439	422	388	348	326
F	53	15.67	32.53	CosZAvg	0.240	0.269	0.301	0.325	0.335	0.337	0.336	0.330	0.312	0.282	0.250	0.231
F	53	15.67	32.53	TransMax	0.724	0.713	0.694	0.739	0.704	0.641	0.615	0.604	0.630	0.647	0.726	0.708
F	53	15.67	32.53	TransMin	0.550	0.539	0.580	0.603	0.533	0.333	0.388	0.381	0.379	0.432	0.510	0.509
F	53	15.67	32.53	TransT5	0.702	0.700	0.674	0.720	0.683	0.637	0.598	0.592	0.615	0.633	0.711	0.692
F	53	15.67	32.53	Trans10	******	******	******	******	0.661	******	******	******	******	******	******	0.693
F	53	15.67	32.53	Trans15	0.653	0.672	0.637	0.678	0.641	0.623	******	0.576	0.613	0.619	0.631	0.686
F	53	15.67	32.53	Trans110	0.653	0.669	0.647	0.676	0.642	0.609	0.590	0.587	0.606	0.611	0.636	0.686
F	43	15.65	-13.25	SrfDwn	195	225	244	234	225	249	241	226	224	227	187	174
F	43	15.65	-13.25	TotaDwn	339	377	416	440	447	445	444	439	422	388	348	326
F	43	15.65	-13.25	CosZAvg	0.241	0.269	0.302	0.325	0.335	0.337	0.336	0.330	0.312	0.282	0.249	0.231
F	43	15.65	-13.25	TransMax	0.689	0.694	0.684	0.646	0.618	0.649	0.626	0.629	0.682	0.657	0.668	0.653
F	43	15.65	-13.25	TransMin	0.430	0.381	0.304	0.291	0.108	0.430	0.344	0.188	0.279	0.432	0.325	0.244
F	43	15.65	-13.25	TransT5	0.673	0.679	0.668	0.631	0.611	0.636	0.612	0.611	0.640	0.638	0.652	0.641
F	43	15.65	-13.25	Trans10	******	******	******	******	******	******	******	******	******	0.624	******	******
F	43	15.65	-13.25	Trans15	0.664	0.645	0.651	0.599	0.607	0.588	0.626	0.572	******	0.620	******	0.641
F	43	15.65	-13.25	Trans110	0.616	0.646	0.646	0.610	0.591	0.609	0.617	0.575	0.620	0.604	******	0.641
F	44	15.62	-16.22	SrfDwn	196	204	******	******	251	250	******	242	******	******	******	******
F	44	15.62	-16.22	TotaDwn	340	377	******	******	447	445	******	439	******	******	******	******
F	44	15.62	-16.22	CosZAvg	0.241	0.270	******	******	0.335	0.337	******	0.330	******	******	******	******
F	44	15.62	-16.22	TransMax	0.731	0.709	******	******	0.653	0.644	******	0.657	******	******	******	******
F	44	15.62	-16.22	TransMin	0.245	0.311	******	******	0.214	0.395	******	0.380	******	******	******	******
F	44	15.62	-16.22	TransT5	0.731	0.694	******	******	0.642	0.634	******	0.657	******	******	******	******
F	44	15.62	-16.22	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	44	15.62	-16.22	Trans15	******	0.419	******	******	******	******	******	******	******	******	******	******
F	44	15.62	-16.22	Trans110	******	0.487	******	******	0.643	0.590	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	45	15.38	-15.12	SrfDwn	******	******	******	******	248	254	255	227	225	232	192	183
F	45	15.38	-15.12	TotDwn	******	******	******	******	446	445	443	439	422	389	350	328
F	45	15.38	-15.12	CosZAvg	******	******	******	******	0.334	0.336	0.336	0.330	0.313	0.283	0.251	0.233
F	45	15.38	-15.12	TransMax	******	******	******	******	0.648	0.654	0.647	0.658	0.682	0.661	0.699	0.678
F	45	15.38	-15.12	TransMin	******	******	******	******	0.228	0.441	0.389	0.123	0.251	0.394	0.339	0.369
F	45	15.38	-15.12	TransT5	******	******	******	******	0.643	0.641	0.632	0.658	0.682	0.641	0.699	0.657
F	45	15.38	-15.12	Trans10	******	******	******	******	******	******	******	******	******	0.620	******	******
F	45	15.38	-15.12	Trans15	******	******	******	******	0.617	0.577	0.631	0.604	******	0.624	******	0.624
F	45	15.38	-15.12	Trans110	******	******	******	******	0.609	0.620	0.631	0.592	0.634	0.611	******	0.624
F	46	14.73	-17.50	SrfDwn	186	244	287	******	235	252	235	215	212	223	171	160
F	46	14.73	-17.50	TotDwn	345	381	418	******	445	443	442	439	423	391	353	332
F	46	14.73	-17.50	CosZAvg	0.244	0.272	0.303	******	0.333	0.335	0.334	0.329	0.313	0.285	0.253	0.235
F	46	14.73	-17.50	TransMax	0.674	0.728	0.751	******	0.644	0.686	0.665	0.642	0.658	0.646	0.628	0.611
F	46	14.73	-17.50	TransMin	0.266	0.433	0.197	******	0.328	0.417	0.315	0.166	0.133	0.469	0.210	0.306
F	46	14.73	-17.50	TransT5	0.652	0.712	0.735	******	0.634	0.672	0.651	0.627	0.643	0.630	0.621	0.602
F	46	14.73	-17.50	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	46	14.73	-17.50	Trans15	0.626	0.703	******	******	******	******	******	******	******	0.593	******	0.611
F	46	14.73	-17.50	Trans110	0.627	0.675	0.726	******	0.623	0.591	******	******	0.615	0.592	******	0.548
F	47	14.70	-16.47	SrfDwn	195	243	268	285	239	235	234	219	215	235	190	169
F	47	14.70	-16.47	TotDwn	345	381	418	440	445	443	442	438	423	391	354	332
F	47	14.70	-16.47	CosZAvg	0.245	0.272	0.303	0.325	0.333	0.335	0.334	0.329	0.313	0.285	0.253	0.236
F	47	14.70	-16.47	TransMax	0.695	0.704	0.716	0.692	0.629	0.626	0.631	0.686	0.657	0.669	0.686	0.612
F	47	14.70	-16.47	TransMin	0.274	0.429	0.426	0.363	0.282	0.363	0.356	0.179	0.157	0.476	0.337	0.322
F	47	14.70	-16.47	TransT5	0.681	0.686	0.696	0.679	0.615	0.626	0.615	0.665	0.643	0.652	0.688	0.596
F	47	14.70	-16.47	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	47	14.70	-16.47	Trans15	0.646	0.675	******	******	******	******	******	******	******	0.632	******	0.612
F	47	14.70	-16.47	Trans110	0.654	0.686	0.682	0.664	0.626	0.559	******	******	0.627	0.624	******	0.597
F	54	14.40	33.48	SrfDwn	234	263	303	317	309	276	284	278	279	270	280	278
F	54	14.40	33.48	TotDwn	347	382	419	440	444	442	441	438	424	393	355	334
F	54	14.40	33.48	CosZAvg	0.246	0.273	0.304	0.325	0.333	0.334	0.334	0.329	0.314	0.286	0.254	0.237
F	54	14.40	33.48	TransMax	0.742	0.751	0.804	0.800	0.756	0.694	0.772	0.730	0.735	0.751	0.799	0.930
F	54	14.40	33.48	TransMin	0.599	0.622	0.571	0.622	0.514	0.413	0.412	0.444	0.375	0.528	0.636	0.773
F	54	14.40	33.48	TransT5	0.729	0.734	0.778	0.781	0.745	0.679	0.749	0.717	0.716	0.734	0.785	0.907
F	54	14.40	33.48	Trans10	0.670	0.727	0.717	0.789	0.747	******	******	******	******	******	******	0.840
F	54	14.40	33.48	Trans15	0.686	0.688	0.734	0.749	0.729	0.676	******	0.680	******	0.722	0.718	0.828
F	54	14.40	33.48	Trans110	0.686	0.690	0.734	0.743	0.734	0.628	0.737	0.661	0.723	0.726	0.708	0.829
F	55	14.22	35.85	SrfDwn	222	248	267	276	267	246	219	******	247	232	216	215
F	55	14.22	35.85	TotDwn	348	383	419	440	444	441	440	******	424	393	356	335
F	55	14.22	35.85	CosZAvg	0.246	0.274	0.304	0.325	0.333	0.334	0.333	******	0.314	0.286	0.255	0.238
F	55	14.22	35.85	TransMax	0.707	0.701	0.698	0.705	0.665	0.644	0.603	******	0.625	0.643	0.663	0.686
F	55	14.22	35.85	TransMin	0.584	0.599	0.554	0.505	0.499	0.400	0.196	******	0.452	0.465	0.514	0.545
F	55	14.22	35.85	TransT5	0.687	0.690	0.680	0.689	0.640	0.627	0.589	******	0.614	0.630	0.639	0.669
F	55	14.22	35.85	Trans10	0.649	0.676	0.646	0.659	0.626	******	******	******	******	******	******	0.675
F	55	14.22	35.85	Trans15	0.638	0.653	0.660	0.644	0.635	0.621	******	******	******	0.630	0.587	0.651
F	55	14.22	35.85	Trans110	0.638	0.653	0.646	0.644	0.629	0.593	0.519	******	0.602	0.629	0.593	0.648
F	48	13.77	-13.68	SrfDwn	189	218	235	216	199	215	210	184	218	******	******	******
F	48	13.77	-13.68	TotDwn	350	385	420	440	443	440	439	438	424	******	******	******
F	48	13.77	-13.68	CosZAvg	0.248	0.275	0.305	0.325	0.332	0.333	0.332	0.329	0.314	******	******	******
F	48	13.77	-13.68	TransMax	0.644	0.621	0.624	0.595	0.571	0.593	0.616	0.584	0.721	******	******	******
F	48	13.77	-13.68	TransMin	0.429	0.440	0.400	0.194	0.094	0.276	0.258	0.168	0.225	******	******	******
F	48	13.77	-13.68	TransT5	0.628	0.604	0.608	0.584	0.553	0.577	0.616	0.584	0.721	******	******	******
F	48	13.77	-13.68	Trans10	0.571	0.606	0.594	0.595	******	0.557	******	******	******	******	******	******
F	48	13.77	-13.68	Trans15	0.571	0.599	0.572	0.576	0.523	0.547	0.545	******	0.582	******	******	******
F	48	13.77	-13.68	Trans110	0.580	0.598	0.572	0.572	0.529	0.539	0.545	0.546	0.556	******	******	******
F	56	13.62	25.33	SrfDwn	238	261	285	******	284	261	******	******	******	******	******	242
F	56	13.62	25.33	TotDwn	351	386	420	******	442	439	******	******	******	******	******	339
F	56	13.62	25.33	CosZAvg	0.249	0.276	0.305	******	0.332	0.332	******	******	******	******	******	0.240
F	56	13.62	25.33	TransMax	0.763	0.810	0.769	******	0.690	0.681	******	******	******	******	******	0.744
F	56	13.62	25.33	TransMin	0.617	0.512	0.571	******	0.547	0.427	******	******	******	******	******	0.681
F	56	13.62	25.33	TransT5	0.763	0.801	0.769	******	0.670	0.685	******	******	******	******	******	0.725
F	56	13.62	25.33	Trans10	0.675	0.670	******	******	******	******	******	******	******	******	******	******
F	56	13.62	25.33	Trans15	0.674	0.691	0.676	******	0.656	0.623	******	******	******	******	******	0.714
F	56	13.62	25.33	Trans110	0.676	0.694	0.677	******	0.653	0.643	******	******	******	******	******	0.717
F	57	12.73	34.13	SrfDwn	274	283	314	333	324	300	272	294	299	280	284	284
F	57	12.73	34.13	TotDwn	356	389	422	440	440	436	436	436	426	399	364	344
F	57	12.73	34.13	CosZAvg	0.252	0.278	0.306	0.324	0.330	0.330	0.330	0.328	0.315	0.290	0.261	0.244
F	57	12.73	34.13	TransMax	0.860	0.740	0.816	0.863	0.834	0.820	0.806	0.813	0.837	0.836	0.800	0.887
F	57	12.73	34.13	TransMin	0.695	0.615	0.468	0.537	0.614	0.352	0.339	0.355	0.311	0.155	0.693	0.773
F	57	12.73	34.13	TransT5	0.831	0.723	0.803	0.843	0.810	0.797	0.789	0.793	0.817	0.823	0.777	0.885
F	57	12.73	34.13	Trans10	0.778	0.715	0.783	0.787	0.810	******	******	******	******	******	******	0.828
F	57	12.73	34.13	Trans15	0.767	0.687	0.747	0.786	0.782	0.811	******	******	******	0.778	0.765	0.821
F	57	12.73	34.13	Trans110	0.767	0.686	0.748	0.784	0.786	0.789	0.714	0.800	0.805	0.755	0.763	0.824

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	49	12.55	-16.27	SrfDwn	******	******	******	******	******	222	******	******	208	217	187	173
F	49	12.55	-16.27	TotDwn	******	******	******	******	******	436	******	******	426	399	365	345
F	49	12.55	-16.27	CosZAvg	******	******	******	******	******	0.330	******	******	0.315	0.290	0.261	0.245
F	49	12.55	-16.27	TransMax	******	******	******	******	******	0.650	******	******	0.653	0.642	0.629	0.601
F	49	12.55	-16.27	TransMin	******	******	******	******	******	0.191	******	******	0.192	0.269	0.217	0.359
F	49	12.55	-16.27	TransT5	******	******	******	******	******	0.636	******	******	0.640	0.624	0.617	0.592
F	49	12.55	-16.27	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	49	12.55	-16.27	Transl5	******	******	******	******	******	******	******	******	******	0.589	******	0.596
F	49	12.55	-16.27	Transl10	******	******	******	******	******	0.549	******	******	0.566	0.596	******	0.565
F	58	11.47	26.45	SrfDwn	221	241	260	278	250	259	237	214	253	235	256	******
F	58	11.47	26.45	TotDwn	363	395	425	439	437	432	433	435	427	403	371	******
F	58	11.47	26.45	CosZAvg	0.257	0.282	0.308	0.324	0.328	0.327	0.328	0.327	0.316	0.293	0.265	******
F	58	11.47	26.45	TransMax	0.654	0.672	0.694	0.690	0.685	0.678	0.680	0.689	0.673	0.677	0.744	******
F	58	11.47	26.45	TransMin	0.549	0.502	0.523	0.507	0.463	0.472	0.227	0.226	0.473	0.433	0.557	******
F	58	11.47	26.45	TransT5	0.636	0.655	0.674	0.689	0.650	0.663	0.647	0.689	0.655	0.654	0.724	******
F	58	11.47	26.45	Transl0	0.617	0.622	0.654	0.640	0.581	******	******	******	******	0.642	0.705	******
F	58	11.47	26.45	Transl5	0.613	0.626	0.640	0.651	0.603	0.647	******	******	0.644	0.633	0.696	******
F	58	11.47	26.45	Transl10	0.613	0.626	0.632	0.657	0.606	0.647	******	******	0.644	0.631	0.702	******
F	59	11.33	27.82	SrfDwn	171	192	******	******	******	173	185	******	******	******	******	164
F	59	11.33	27.82	TotDwn	364	395	******	******	******	432	432	******	******	******	******	352
F	59	11.33	27.82	CosZAvg	0.258	0.283	******	******	******	0.327	0.327	******	******	******	******	0.250
F	59	11.33	27.82	TransMax	0.512	0.534	******	******	******	0.559	0.576	******	******	******	******	0.484
F	59	11.33	27.82	TransMin	0.404	0.403	******	******	******	0.159	0.219	******	******	******	******	0.448
F	59	11.33	27.82	TransT5	0.495	0.518	******	******	******	0.559	0.576	******	******	******	******	0.478
F	59	11.33	27.82	Transl0	0.474	0.509	******	******	******	******	******	******	******	******	******	0.461
F	59	11.33	27.82	Transl5	0.473	0.502	******	******	******	0.495	******	******	******	******	******	0.465
F	59	11.33	27.82	Transl10	0.474	0.504	******	******	******	0.495	******	******	******	******	******	0.465
F	60	11.00	29.72	SrfDwn	210	219	217	225	218	190	154	153	159	164	184	193
F	60	11.00	29.72	TotDwn	366	397	426	439	436	431	431	434	427	404	373	354
F	60	11.00	29.72	CosZAvg	0.259	0.283	0.309	0.324	0.327	0.326	0.327	0.326	0.316	0.294	0.267	0.251
F	60	11.00	29.72	TransMax	0.625	0.611	0.566	0.585	0.560	0.565	0.475	0.439	0.466	0.487	0.557	0.579
F	60	11.00	29.72	TransMin	0.457	0.462	0.427	0.421	0.411	0.265	0.246	0.217	0.175	0.175	0.405	0.475
F	60	11.00	29.72	TransT5	0.612	0.595	0.551	0.573	0.548	0.562	0.462	0.432	0.453	0.474	0.541	0.564
F	60	11.00	29.72	Transl0	0.578	0.569	0.519	******	0.560	******	******	******	******	0.426	0.498	0.557
F	60	11.00	29.72	Transl5	0.584	0.570	0.531	0.559	0.546	******	******	******	******	0.442	0.515	0.552
F	60	11.00	29.72	Transl10	0.584	0.570	0.527	0.554	0.532	******	******	******	******	0.446	0.496	0.549
F	61	9.55	31.65	SrfDwn	******	******	205	227	225	******	******	******	******	******	******	******
F	61	9.55	31.65	TotDwn	******	******	426	438	432	******	******	******	******	******	******	******
F	61	9.55	31.65	CosZAvg	******	******	0.311	0.323	0.324	******	******	******	******	******	******	******
F	61	9.55	31.65	TransMax	******	******	0.545	0.621	0.593	******	******	******	******	******	******	******
F	61	9.55	31.65	TransMin	******	******	0.349	0.330	0.406	******	******	******	******	******	******	******
F	61	9.55	31.65	TransT5	******	******	0.535	0.609	0.584	******	******	******	******	******	******	******
F	61	9.55	31.65	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	61	9.55	31.65	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	61	9.55	31.65	Transl10	******	******	0.507	******	0.591	******	******	******	******	******	******	******
F	13	6.72	-1.60	SrfDwn	185	209	195	******	209	191	137	136	******	172	184	160
F	13	6.72	-1.60	TotDwn	368	413	432	******	424	415	418	427	******	417	393	379
F	13	6.72	-1.60	CosZAvg	0.275	0.295	0.314	******	0.318	0.314	0.316	0.321	******	0.303	0.282	0.269
F	13	6.72	-1.60	TransMax	0.606	0.591	0.575	******	0.616	0.612	0.456	0.522	******	0.538	0.628	0.509
F	13	6.72	-1.60	TransMin	0.308	0.375	0.277	******	0.251	0.263	0.134	0.172	******	0.246	0.312	0.300
F	13	6.72	-1.60	TransT5	0.592	0.589	0.573	******	0.595	0.605	0.449	0.522	******	0.529	0.628	0.503
F	13	6.72	-1.60	Transl0	0.546	******	******	******	******	******	******	******	******	******	******	0.441
F	13	6.72	-1.60	Transl5	0.506	******	******	******	******	0.551	******	******	******	******	******	0.447
F	13	6.72	-1.60	Transl10	0.508	0.540	******	******	******	0.551	******	******	******	******	******	0.437
F	40	6.32	5.60	SrfDwn	204	210	206	210	208	211	163	148	148	181	211	197
F	40	6.32	5.60	TotDwn	390	414	433	435	423	414	416	426	430	418	395	381
F	40	6.32	5.60	CosZAvg	0.277	0.296	0.314	0.321	0.317	0.313	0.315	0.320	0.318	0.304	0.283	0.270
F	40	6.32	5.60	TransMax	0.592	0.606	0.629	0.588	0.662	0.588	0.506	0.515	0.532	0.576	0.633	0.681
F	40	6.32	5.60	TransMin	0.388	0.348	0.296	0.266	0.219	0.348	0.242	0.186	0.180	0.141	0.283	0.386
F	40	6.32	5.60	TransT5	0.576	0.598	0.629	0.574	0.651	0.578	0.494	0.507	0.521	0.565	0.618	0.681
F	40	6.32	5.60	Transl0	0.551	******	******	******	******	******	******	******	******	******	******	0.511
F	40	6.32	5.60	Transl5	0.551	******	******	******	0.602	******	******	******	******	******	0.589	0.546
F	40	6.32	5.60	Transl10	0.546	******	******	******	0.602	******	******	******	******	******	0.611	0.549
F	62	4.87	31.60	SrfDwn	228	******	******	247	******	223	189	265	261	252	240	******
F	62	4.87	31.60	TotDwn	397	******	******	433	******	408	411	423	430	421	402	******
F	62	4.87	31.60	CosZAvg	0.282	******	******	0.319	******	0.309	0.311	0.318	0.318	0.307	0.288	******
F	62	4.87	31.60	TransMax	0.630	******	******	0.711	******	0.686	0.594	0.729	0.706	0.724	0.742	******
F	62	4.87	31.60	TransMin	0.494	******	******	0.436	******	0.305	0.287	0.309	0.403	0.384	0.475	******
F	62	4.87	31.60	TransT5	0.613	******	******	0.707	******	0.667	0.583	0.705	0.689	0.712	0.742	******
F	62	4.87	31.60	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	62	4.87	31.60	Transl5	0.609	******	******	******	******	******	******	******	******	******	******	******
F	62	4.87	31.60	Transl10	0.591	******	******	******	******	******	******	******	******	0.691	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	14	3.93	41.87	SrfDwn	285	293	288	239	229	196	182	249	231	274	246	280
F	14	3.93	41.87	TcaDwn	402	422	435	431	416	404	408	421	430	424	406	393
F	14	3.93	41.87	CosZAvg	0.285	0.302	0.316	0.318	0.312	0.306	0.309	0.316	0.318	0.308	0.291	0.279
F	14	3.93	41.87	TransMax	0.772	0.758	0.793	0.772	0.672	0.688	0.686	0.708	0.726	0.784	0.783	0.824
F	14	3.93	41.87	TransMin	0.658	0.588	0.524	0.291	0.370	0.289	0.195	0.310	0.273	0.252	0.217	0.584
F	14	3.93	41.87	TransT5	0.742	0.745	0.793	0.772	0.651	0.673	0.652	0.691	0.715	0.760	0.774	0.807
F	14	3.93	41.87	Trans10	0.709	0.743	******	******	******	******	******	******	******	******	******	0.778
F	14	3.93	41.87	Trans15	0.706	0.735	******	******	******	******	******	******	******	******	******	0.763
F	14	3.93	41.87	Trans110	0.709	0.707	0.693	******	******	0.619	0.637	******	******	0.784	******	0.751
F	15	3.12	35.62	SrfDwn	282	284	275	252	291	257	274	284	289	281	289	274
F	15	3.12	35.62	TcaDwn	406	425	436	430	413	401	404	419	430	426	409	398
F	15	3.12	35.62	CosZAvg	0.288	0.304	0.316	0.317	0.309	0.303	0.306	0.315	0.318	0.310	0.293	0.282
F	15	3.12	35.62	TransMax	0.741	0.744	0.754	0.720	0.782	0.819	0.826	0.728	0.758	0.729	0.734	0.746
F	15	3.12	35.62	TransMin	0.564	0.418	0.249	0.184	0.602	0.212	0.454	0.569	0.565	0.535	0.442	0.533
F	15	3.12	35.62	TransT5	0.717	0.729	0.728	0.709	0.769	0.819	0.826	0.709	0.742	0.707	0.713	0.727
F	15	3.12	35.62	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	15	3.12	35.62	Trans15	0.702	0.720	******	******	******	******	******	******	******	******	******	******
F	15	3.12	35.62	Trans110	0.701	0.716	******	******	******	******	******	0.704	0.758	******	******	0.742
F	63	2.78	24.78	SrfDwn	193	201	193	209	200	173	157	186	185	191	******	187
F	63	2.78	24.78	TcaDwn	407	426	436	429	412	399	403	418	430	426	******	399
F	63	2.78	24.78	CosZAvg	0.289	0.304	0.316	0.317	0.309	0.302	0.305	0.314	0.318	0.310	******	0.283
F	63	2.78	24.78	TransMax	0.570	0.575	0.573	0.609	0.629	0.604	0.576	0.563	0.593	0.590	******	0.561
F	63	2.78	24.78	TransMin	0.339	0.275	0.133	0.120	0.186	0.092	0.121	0.142	0.184	0.093	******	0.289
F	63	2.78	24.78	TransT5	0.558	0.561	0.569	0.595	0.608	0.590	0.576	0.556	0.579	0.576	******	0.554
F	63	2.78	24.78	Trans10	0.515	******	******	******	******	******	******	******	******	******	******	0.478
F	63	2.78	24.78	Trans15	0.529	0.537	******	0.589	0.441	******	******	******	******	******	******	0.502
F	63	2.78	24.78	Trans110	0.524	0.519	0.533	0.589	0.420	0.371	******	0.524	******	******	******	0.495
F	16	1.02	35.00	SrfDwn	294	286	283	218	255	******	232	258	251	270	249	233
F	16	1.02	35.00	TcaDwn	415	431	437	426	405	******	396	414	429	430	418	408
F	16	1.02	35.00	CosZAvg	0.294	0.308	0.317	0.315	0.304	******	0.300	0.311	0.318	0.313	0.299	0.290
F	16	1.02	35.00	TransMax	0.842	0.835	0.820	0.690	0.797	******	0.838	0.813	0.850	0.852	0.858	0.828
F	16	1.02	35.00	TransMin	0.565	0.405	0.428	0.207	0.416	******	0.378	0.350	0.336	0.456	0.392	0.265
F	16	1.02	35.00	TransT5	0.827	0.835	0.800	0.680	0.779	******	0.838	0.800	0.834	0.852	0.858	0.814
F	16	1.02	35.00	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	16	1.02	35.00	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
F	16	1.02	35.00	Trans110	******	0.677	******	******	******	******	******	******	******	******	******	******
F	17	0.53	35.28	SrfDwn	272	296	289	242	276	215	226	244	267	280	272	282
F	17	0.53	35.28	TcaDwn	418	432	438	425	404	390	394	413	429	431	420	411
F	17	0.53	35.28	CosZAvg	0.296	0.309	0.317	0.314	0.303	0.295	0.298	0.310	0.318	0.313	0.300	0.291
F	17	0.53	35.28	TransMax	0.777	0.760	0.782	0.767	0.816	0.788	0.771	0.767	0.813	0.807	0.787	0.823
F	17	0.53	35.28	TransMin	0.439	0.533	0.363	0.212	0.473	0.269	0.359	0.336	0.273	0.466	0.479	0.254
F	17	0.53	35.28	TransT5	0.759	0.740	0.769	0.754	0.805	0.770	0.755	0.753	0.788	0.807	0.773	0.799
F	17	0.53	35.28	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	17	0.53	35.28	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
F	17	0.53	35.28	Trans110	0.760	0.662	******	******	******	******	******	******	******	******	******	******
F	64	0.05	18.27	SrfDwn	180	209	204	207	206	184	******	194	******	******	******	175
F	64	0.05	18.27	TcaDwn	420	434	438	425	402	387	******	411	******	******	******	413
F	64	0.05	18.27	CosZAvg	0.297	0.310	0.318	0.313	0.301	0.293	******	0.309	******	******	******	0.293
F	64	0.05	18.27	TransMax	0.615	0.654	0.673	0.671	0.756	0.786	******	0.596	******	******	******	0.729
F	64	0.05	18.27	TransMin	0.175	0.156	0.264	0.247	0.119	0.255	******	0.129	******	******	******	0.056
F	64	0.05	18.27	TransT5	0.603	0.646	0.672	0.671	0.751	0.786	******	0.588	******	******	******	0.725
F	64	0.05	18.27	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	64	0.05	18.27	Trans15	0.494	0.575	******	******	0.495	0.551	******	******	******	******	******	0.472
F	64	0.05	18.27	Trans110	0.499	0.596	******	0.537	0.621	0.551	******	******	******	******	******	0.456
F	18	-0.10	34.75	SrfDwn	281	304	292	288	288	239	256	283	271	287	272	255
F	18	-0.10	34.75	TcaDwn	420	434	438	424	401	387	392	411	429	432	422	414
F	18	-0.10	34.75	CosZAvg	0.298	0.310	0.318	0.313	0.301	0.293	0.296	0.309	0.317	0.314	0.302	0.293
F	18	-0.10	34.75	TransMax	0.768	0.768	0.789	0.882	0.793	0.782	0.765	0.804	0.783	0.778	0.786	0.773
F	18	-0.10	34.75	TransMin	0.433	0.527	0.455	0.270	0.498	0.234	0.338	0.570	0.340	0.516	0.454	0.102
F	18	-0.10	34.75	TransT5	0.759	0.745	0.774	0.882	0.774	0.780	0.745	0.799	0.750	0.780	0.753	0.769
F	18	-0.10	34.75	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	18	-0.10	34.75	Trans15	******	0.754	******	******	******	0.741	0.740	******	******	******	******	******
F	18	-0.10	34.75	Trans110	0.755	0.754	0.765	******	******	0.748	0.741	0.744	******	******	******	******
F	19	-0.27	36.10	SrfDwn	321	318	275	244	274	251	289	292	292	288	257	283
F	19	-0.27	36.10	TcaDwn	421	434	438	424	401	386	391	411	429	432	423	414
F	19	-0.27	36.10	CosZAvg	0.298	0.311	0.318	0.313	0.300	0.292	0.298	0.308	0.317	0.314	0.303	0.294
F	19	-0.27	36.10	TransMax	0.863	0.843	0.839	0.829	0.905	0.827	0.908	0.880	0.854	0.826	0.826	0.891
F	19	-0.27	36.10	TransMin	0.548	0.563	0.424	0.350	0.499	0.216	0.451	0.429	0.430	0.364	0.331	0.178
F	19	-0.27	36.10	TransT5	0.863	0.831	0.835	0.829	0.894	0.810	0.908	0.859	0.842	0.803	0.818	0.866
F	19	-0.27	36.10	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	19	-0.27	36.10	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
F	19	-0.27	36.10	Trans110	******	******	******	******	******	******	******	******	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	20	-0.47	39.63	SrfDwn	269	287	277	277	250	270	247	263	277	276	277	264
F	20	-0.47	39.63	TopDwn	422	435	438	423	400	385	390	410	428	433	423	415
F	20	-0.47	39.63	CosZAvg	0.299	0.311	0.318	0.313	0.300	0.291	0.295	0.308	0.317	0.315	0.303	0.295
F	20	-0.47	39.63	TransMax	0.761	0.800	0.742	0.805	0.787	0.869	0.793	0.806	0.797	0.763	0.789	0.795
F	20	-0.47	39.63	TransMin	0.386	0.425	0.455	0.279	0.396	0.521	0.439	0.439	0.460	0.542	0.470	0.489
F	20	-0.47	39.63	TransT5	0.745	0.787	0.727	0.805	0.770	0.884	0.773	0.791	0.782	0.763	0.773	0.783
F	20	-0.47	39.63	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	20	-0.47	39.63	Transl5	******	0.764	******	******	******	******	0.757	******	******	******	******	0.772
F	20	-0.47	39.63	Transl10	0.740	0.746	0.734	******	******	******	0.757	******	******	******	******	0.772
F	21	-1.13	35.83	SrfDwn	240	256	263	222	209	201	215	245	228	241	225	218
F	21	-1.13	35.83	TopDwn	425	437	438	422	397	382	387	408	428	434	426	419
F	21	-1.13	35.83	CosZAvg	0.301	0.312	0.318	0.312	0.298	0.289	0.293	0.307	0.317	0.316	0.305	0.297
F	21	-1.13	35.83	TransMax	0.711	0.710	0.700	0.676	0.831	0.714	0.696	0.710	0.685	0.702	0.710	0.707
F	21	-1.13	35.83	TransMin	0.287	0.394	0.370	0.331	0.331	0.189	0.137	0.390	0.169	0.360	0.320	0.118
F	21	-1.13	35.83	TransT5	0.691	0.696	0.684	0.682	0.831	0.714	0.684	0.690	0.680	0.698	0.693	0.695
F	21	-1.13	35.83	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	21	-1.13	35.83	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	21	-1.13	35.83	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
F	22	-1.30	36.75	SrfDwn	297	326	285	216	195	194	203	220	192	213	170	221
F	22	-1.30	36.75	TopDwn	425	437	438	422	397	381	386	408	428	434	427	419
F	22	-1.30	36.75	CosZAvg	0.302	0.312	0.318	0.311	0.297	0.288	0.293	0.306	0.317	0.316	0.305	0.297
F	22	-1.30	36.75	TransMax	0.831	0.837	0.844	0.853	0.639	0.798	0.781	0.715	0.648	0.605	0.543	0.674
F	22	-1.30	36.75	TransMin	0.414	0.565	0.162	0.261	0.252	0.127	0.239	0.298	0.172	0.268	0.214	0.152
F	22	-1.30	36.75	TransT5	0.817	0.824	0.838	0.643	0.632	0.798	0.775	0.715	0.631	0.595	0.530	0.654
F	22	-1.30	36.75	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	22	-1.30	36.75	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	22	-1.30	36.75	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
F	23	-1.32	36.92	SrfDwn	249	274	244	******	183	170	178	214	205	228	191	224
F	23	-1.32	36.92	TopDwn	425	437	438	******	397	381	386	408	428	434	427	419
F	23	-1.32	36.92	CosZAvg	0.302	0.312	0.318	******	0.297	0.288	0.293	0.306	0.317	0.316	0.305	0.297
F	23	-1.32	36.92	TransMax	0.670	0.692	0.669	******	0.600	0.635	0.622	0.663	0.661	0.662	0.610	0.679
F	23	-1.32	36.92	TransMin	0.405	0.451	0.165	******	0.269	0.184	0.263	0.322	0.232	0.313	0.307	0.192
F	23	-1.32	36.92	TransT5	0.653	0.672	0.652	******	0.580	0.620	0.612	0.653	0.647	0.645	0.610	0.656
F	23	-1.32	36.92	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	23	-1.32	36.92	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	23	-1.32	36.92	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
F	65	-1.97	18.27	SrfDwn	176	207	193	197	198	196	167	188	207	186	190	172
F	65	-1.97	18.27	TopDwn	428	439	438	420	394	378	384	406	427	435	429	422
F	65	-1.97	18.27	CosZAvg	0.304	0.314	0.318	0.310	0.295	0.286	0.290	0.305	0.316	0.317	0.307	0.300
F	65	-1.97	18.27	TransMax	0.597	0.616	0.585	0.640	0.655	0.659	0.632	0.599	0.651	0.617	0.634	0.582
F	65	-1.97	18.27	TransMin	0.160	0.166	0.116	0.120	0.279	0.337	0.254	0.132	0.160	0.084	0.141	0.156
F	65	-1.97	18.27	TransT5	0.590	0.602	0.571	0.629	0.655	0.641	0.627	0.594	0.651	0.608	0.634	0.582
F	65	-1.97	18.27	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	65	-1.97	18.27	Transl5	0.538	******	******	******	0.611	0.548	******	******	******	******	******	******
F	65	-1.97	18.27	Transl10	0.557	0.591	******	******	0.611	0.548	0.482	0.586	******	******	******	******
F	24	-3.23	40.10	SrfDwn	238	263	254	203	184	213	196	217	232	238	257	257
F	24	-3.23	40.10	TopDwn	433	442	438	417	389	372	378	402	426	437	433	428
F	24	-3.23	40.10	CosZAvg	0.307	0.316	0.318	0.308	0.292	0.281	0.286	0.302	0.315	0.318	0.310	0.304
F	24	-3.23	40.10	TransMax	0.649	0.685	0.682	0.626	0.646	0.714	0.701	0.641	0.661	0.686	0.708	0.729
F	24	-3.23	40.10	TransMin	0.437	0.511	0.408	0.129	0.173	0.320	0.276	0.330	0.393	0.413	0.510	0.410
F	24	-3.23	40.10	TransT5	0.630	0.647	0.641	0.611	0.633	0.714	0.701	0.635	0.661	0.651	0.701	0.729
F	24	-3.23	40.10	Transl0	******	0.659	******	******	******	******	******	******	******	******	******	******
F	24	-3.23	40.10	Transl5	******	0.614	******	******	******	******	******	******	******	******	******	******
F	24	-3.23	40.10	Transl10	******	0.611	0.588	******	******	0.661	******	0.483	0.604	******	0.555	0.619
F	25	-3.40	38.57	SrfDwn	254	305	277	228	183	213	200	198	224	259	249	251
F	25	-3.40	38.57	TopDwn	434	442	438	417	388	371	377	401	426	437	434	429
F	25	-3.40	38.57	CosZAvg	0.308	0.316	0.318	0.308	0.291	0.281	0.286	0.301	0.315	0.318	0.311	0.304
F	25	-3.40	38.57	TransMax	0.824	0.804	0.756	0.770	0.749	0.715	0.690	0.784	0.735	0.794	0.725	0.778
F	25	-3.40	38.57	TransMin	0.167	0.523	0.429	0.370	0.209	0.322	0.327	0.191	0.272	0.371	0.341	0.182
F	25	-3.40	38.57	TransT5	0.808	0.781	0.733	0.770	0.749	0.705	0.678	0.784	0.717	0.794	0.725	0.770
F	25	-3.40	38.57	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	25	-3.40	38.57	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	25	-3.40	38.57	Transl10	******	0.787	******	******	******	******	******	******	******	******	******	0.689
F	66	-4.37	15.25	SrfDwn	180	192	211	194	184	151	142	145	185	181	182	174
F	66	-4.37	15.25	TopDwn	438	444	438	414	384	367	373	398	425	438	437	433
F	66	-4.37	15.25	CosZAvg	0.310	0.318	0.318	0.306	0.288	0.277	0.282	0.299	0.315	0.319	0.313	0.307
F	66	-4.37	15.25	TransMax	0.586	0.576	0.634	0.615	0.616	0.595	0.532	0.511	0.546	0.591	0.580	0.606
F	66	-4.37	15.25	TransMin	0.201	0.194	0.321	0.244	0.129	0.178	0.169	0.146	0.241	0.151	0.151	0.179
F	66	-4.37	15.25	TransT5	0.586	0.569	0.634	0.600	0.601	0.592	0.524	0.499	0.536	0.585	0.570	0.600
F	66	-4.37	15.25	Transl0	******	******	******	******	******	******	******	0.495	******	******	******	******
F	66	-4.37	15.25	Transl5	0.520	******	******	******	******	0.595	0.532	0.488	******	******	******	******
F	66	-4.37	15.25	Transl10	0.530	******	******	0.615	0.609	0.507	0.485	0.482	******	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	67	-5.88	22.42	SrfDwn	178	201	206	184	206	196	170	162	192	188	214	171
F	67	-5.88	22.42	ToaDwn	444	448	438	411	378	359	386	393	423	440	442	440
F	67	-5.88	22.42	CosZAvg	0.314	0.320	0.318	0.303	0.283	0.272	0.277	0.295	0.313	0.320	0.317	0.312
F	67	-5.88	22.42	TransMax	0.591	0.593	0.604	0.690	0.704	0.661	0.632	0.569	0.624	0.607	0.627	0.643
F	67	-5.88	22.42	TransMin	0.162	0.212	0.333	0.102	0.234	0.118	0.222	0.122	0.130	0.168	0.259	0.110
F	67	-5.88	22.42	TransT5	0.581	0.584	0.595	0.667	0.686	0.650	0.618	0.589	0.624	0.599	0.626	0.643
F	67	-5.88	22.42	Trans10	******	******	******	******	******	0.598	******	******	******	******	******	******
F	67	-5.88	22.42	Trans15	******	******	******	******	0.613	0.615	0.505	0.371	******	******	******	******
F	67	-5.88	22.42	Trans110	******	******	******	0.683	0.627	0.607	0.507	0.450	******	******	******	******
F	2	-7.40	20.82	SrfDwn	******	******	204	******	214	******	184	167	186	205	199	192
F	2	-7.40	20.82	ToaDwn	******	******	437	******	371	******	359	388	421	442	447	446
F	2	-7.40	20.82	CosZAvg	******	******	0.317	******	0.278	******	0.271	0.291	0.311	0.321	0.320	0.316
F	2	-7.40	20.82	TransMax	******	******	0.694	******	0.688	******	0.588	0.593	0.614	0.653	0.647	0.663
F	2	-7.40	20.82	TransMin	******	******	0.172	******	0.162	******	0.321	0.136	0.170	0.224	0.161	0.148
F	2	-7.40	20.82	TransT5	******	******	0.675	******	0.651	******	0.575	0.589	0.614	0.653	0.647	0.663
F	2	-7.40	20.82	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	2	-7.40	20.82	Trans15	******	******	******	******	0.653	******	0.544	0.474	******	******	******	******
F	2	-7.40	20.82	Trans110	******	******	******	******	0.640	******	0.544	0.477	******	******	******	******
F	3	-8.85	13.23	SrfDwn	228	217	226	228	220	197	151	138	186	228	237	242
F	3	-8.85	13.23	ToaDwn	454	453	436	402	384	344	351	383	418	443	451	452
F	3	-8.85	13.23	CosZAvg	0.322	0.324	0.316	0.297	0.273	0.280	0.266	0.287	0.310	0.322	0.323	0.320
F	3	-8.85	13.23	TransMax	0.652	0.677	0.685	0.717	0.697	0.682	0.586	0.575	0.617	0.691	0.663	0.716
F	3	-8.85	13.23	TransMin	0.142	0.097	0.180	0.127	0.442	0.413	0.175	0.161	0.259	0.242	0.167	0.329
F	3	-8.85	13.23	TransT5	0.641	0.666	0.669	0.692	0.687	0.649	0.551	0.567	0.617	0.676	0.644	0.714
F	3	-8.85	13.23	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	3	-8.85	13.23	Trans15	******	******	******	******	0.632	0.651	0.533	******	******	******	******	******
F	3	-8.85	13.23	Trans110	0.577	******	******	******	0.626	0.615	0.534	0.434	0.582	******	******	******
F	28	-12.97	40.50	SrfDwn	235	245	257	264	282	224	245	291	319	326	304	253
F	28	-12.97	40.50	ToaDwn	467	458	432	388	344	321	330	366	410	444	461	466
F	28	-12.97	40.50	CosZAvg	0.331	0.327	0.313	0.287	0.258	0.243	0.250	0.275	0.304	0.323	0.330	0.331
F	28	-12.97	40.50	TransMax	0.724	0.806	0.788	0.828	0.846	0.791	0.913	0.889	0.844	0.805	0.803	0.797
F	28	-12.97	40.50	TransMin	0.165	0.145	0.167	0.346	0.590	0.447	0.438	0.616	0.632	0.538	0.327	0.165
F	28	-12.97	40.50	TransT5	0.714	0.787	0.772	0.808	0.829	0.775	0.913	0.847	0.816	0.780	0.783	0.780
F	28	-12.97	40.50	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	28	-12.97	40.50	Trans15	******	******	******	******	******	******	******	******	******	******	******	******
F	28	-12.97	40.50	Trans110	******	0.795	******	******	******	0.711	******	0.827	0.844	******	******	******
F	29	-15.03	40.67	SrfDwn	235	238	270	******	******	171	190	251	266	257	270	******
F	29	-15.03	40.67	ToaDwn	472	460	429	******	******	309	319	357	405	444	466	******
F	29	-15.03	40.67	CosZAvg	0.335	0.329	0.311	******	******	0.234	0.241	0.268	0.300	0.323	0.334	******
F	29	-15.03	40.67	TransMax	0.712	0.777	0.790	******	******	0.636	0.694	0.819	0.701	0.714	0.693	******
F	29	-15.03	40.67	TransMin	0.190	0.145	0.260	******	******	0.409	0.193	0.614	0.545	0.174	0.087	******
F	29	-15.03	40.67	TransT5	0.701	0.761	0.779	******	******	0.619	0.677	0.807	0.681	0.700	0.679	******
F	29	-15.03	40.67	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	29	-15.03	40.67	Trans15	******	******	0.780	******	******	******	******	******	******	******	******	******
F	29	-15.03	40.67	Trans110	******	0.744	0.780	******	******	0.630	******	******	******	******	******	******
F	30	-15.10	39.26	SrfDwn	247	216	238	248	196	207	193	253	255	283	301	256
F	30	-15.10	39.26	ToaDwn	473	460	429	381	334	309	318	357	405	444	466	473
F	30	-15.10	39.26	CosZAvg	0.335	0.329	0.311	0.281	0.250	0.234	0.241	0.268	0.300	0.323	0.334	0.336
F	30	-15.10	39.26	TransMax	0.702	0.808	0.763	0.770	0.729	0.796	0.740	0.765	0.708	0.764	0.805	0.825
F	30	-15.10	39.26	TransMin	0.268	0.141	0.314	0.337	0.135	0.344	0.381	0.578	0.403	0.283	0.279	0.219
F	30	-15.10	39.26	TransT5	0.690	0.808	0.745	0.761	0.712	0.778	0.723	0.745	0.684	0.742	0.797	0.807
F	30	-15.10	39.26	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
F	30	-15.10	39.26	Trans15	******	******	0.693	******	******	******	******	******	******	******	******	******
F	30	-15.10	39.26	Trans110	******	******	0.693	0.741	******	0.709	******	******	******	******	******	******
F	31	-16.18	33.58	SrfDwn	251	286	275	231	233	204	210	251	264	299	298	269
F	31	-16.18	33.58	ToaDwn	475	461	427	376	328	302	312	352	402	444	468	477
F	31	-16.18	33.58	CosZAvg	0.337	0.329	0.310	0.278	0.246	0.229	0.236	0.265	0.298	0.323	0.335	0.338
F	31	-16.18	33.58	TransMax	0.739	0.763	0.796	0.798	0.825	0.814	0.835	0.812	0.784	0.819	0.758	0.763
F	31	-16.18	33.58	TransMin	0.134	0.276	0.351	0.339	0.456	0.304	0.223	0.589	0.248	0.267	0.180	0.128
F	31	-16.18	33.58	TransT5	0.725	0.749	0.779	0.777	0.810	0.788	0.810	0.804	0.759	0.801	0.739	0.749
F	31	-16.18	33.58	Trans10	******	******	******	******	0.768	0.772	0.776	******	******	******	******	******
F	31	-16.18	33.58	Trans15	******	******	******	0.758	0.757	0.782	0.773	0.732	0.731	******	******	0.719
F	31	-16.18	33.58	Trans110	0.723	0.736	0.794	0.719	0.758	0.768	0.768	0.727	0.725	0.755	******	0.719
F	68	-17.83	31.02	SrfDwn	******	******	241	198	206	190	202	235	252	251	269	238
F	68	-17.83	31.02	ToaDwn	******	******	424	370	319	293	303	345	398	443	471	481
F	68	-17.83	31.02	CosZAvg	******	******	0.307	0.273	0.239	0.221	0.229	0.259	0.294	0.323	0.337	0.341
F	68	-17.83	31.02	TransMax	******	******	0.775	0.728	0.726	0.731	0.750	0.783	0.757	0.723	0.782	0.736
F	68	-17.83	31.02	TransMin	******	******	0.181	0.152	0.363	0.414	0.483	0.508	0.441	0.326	0.151	0.175
F	68	-17.83	31.02	TransT5	******	******	0.755	0.715	0.712	0.707	0.731	0.762	0.737	0.704	0.762	0.734
F	68	-17.83	31.02	Trans10	******	******	******	******	0.714	0.708	0.683	0.720	0.713	******	******	******
F	68	-17.83	31.02	Trans15	******	******	0.734	0.715	0.707	0.701	0.684	0.713	0.702	******	******	0.736
F	68	-17.83	31.02	Trans110	******	******	0.720	0.715	0.693	0.693	0.682	0.710	0.702	******	******	0.736

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	32	-19.12	33.47	SrfDwn	243	282	262	216	208	190	186	228	258	212	275	258
F	32	-19.12	33.47	TopDwn	482	462	421	364	312	285	296	339	394	443	473	485
F	32	-19.12	33.47	CosZAvg	0.342	0.330	0.305	0.269	0.234	0.216	0.224	0.254	0.292	0.322	0.339	0.344
F	32	-19.12	33.47	TransMax	0.782	0.755	0.771	0.787	0.776	0.812	0.787	0.791	0.840	0.692	0.736	0.722
F	32	-19.12	33.47	TransMin	0.273	0.247	0.221	0.237	0.346	0.330	0.262	0.522	0.190	0.131	0.188	0.171
F	32	-19.12	33.47	TransT5	0.762	0.735	0.755	0.782	0.755	0.797	0.773	0.777	0.832	0.681	0.722	0.706
F	32	-19.12	33.47	Transl0	******	******	******	******	0.747	0.778	******	******	******	******	******	******
F	32	-19.12	33.47	Transl5	0.766	******	******	0.787	0.754	0.778	0.725	0.692	0.746	******	******	0.717
F	32	-19.12	33.47	Transl10	0.774	******	0.720	0.787	0.738	0.745	0.733	0.696	0.735	******	******	0.717
F	33	-19.80	34.90	SrfDwn	259	286	269	225	236	******	******	******	******	******	******	******
F	33	-19.80	34.90	TopDwn	483	462	420	361	308	******	******	******	******	******	******	******
F	33	-19.80	34.90	CosZAvg	0.343	0.330	0.304	0.267	0.231	******	******	******	******	******	******	******
F	33	-19.80	34.90	TransMax	0.754	0.774	0.786	0.743	0.793	******	******	******	******	******	******	******
F	33	-19.80	34.90	TransMin	0.083	0.257	0.109	0.171	0.535	******	******	******	******	******	******	******
F	33	-19.80	34.90	TransT5	0.734	0.757	0.761	0.725	0.781	******	******	******	******	******	******	******
F	33	-19.80	34.90	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	33	-19.80	34.90	Transl5	******	0.659	0.759	******	0.768	******	******	******	******	******	******	******
F	33	-19.80	34.90	Transl10	******	0.703	0.758	0.709	0.772	******	******	******	******	******	******	******
F	69	-20.15	28.62	SrfDwn	277	255	211	178	209	194	204	224	241	247	286	254
F	69	-20.15	28.62	TopDwn	484	462	419	380	306	279	290	334	391	442	474	487
F	69	-20.15	28.62	CosZAvg	0.343	0.330	0.304	0.266	0.229	0.211	0.219	0.251	0.289	0.321	0.340	0.346
F	69	-20.15	28.62	TransMax	0.755	0.765	0.715	0.758	0.763	0.759	0.744	0.753	0.734	0.738	0.745	0.738
F	69	-20.15	28.62	TransMin	0.285	0.240	0.111	0.095	0.360	0.214	0.538	0.546	0.158	0.203	0.262	0.193
F	69	-20.15	28.62	TransT5	0.745	0.747	0.701	0.732	0.744	0.743	0.726	0.731	0.715	0.728	0.727	0.725
F	69	-20.15	28.62	Transl0	******	******	******	******	0.737	0.739	0.718	0.697	0.710	******	******	******
F	69	-20.15	28.62	Transl5	******	0.765	******	0.722	0.727	0.736	0.717	0.693	0.697	0.736	******	******
F	69	-20.15	28.62	Transl10	******	0.747	0.408	0.735	0.714	0.727	0.717	0.694	0.697	0.711	0.735	0.711
F	41	-20.88	55.52	SrfDwn	287	230	249	205	173	172	193	197	227	248	288	279
F	41	-20.88	55.52	TopDwn	485	462	417	357	302	274	285	330	388	441	475	489
F	41	-20.88	55.52	CosZAvg	0.344	0.330	0.303	0.263	0.226	0.207	0.216	0.248	0.288	0.321	0.340	0.347
F	41	-20.88	55.52	TransMax	0.734	0.737	0.741	0.730	0.730	0.730	0.745	0.744	0.747	0.736	0.742	0.731
F	41	-20.88	55.52	TransMin	0.314	0.072	0.295	0.284	0.200	0.364	0.396	0.219	0.299	0.222	0.328	0.310
F	41	-20.88	55.52	TransT5	0.720	0.727	0.722	0.711	0.715	0.714	0.731	0.725	0.737	0.728	0.722	0.712
F	41	-20.88	55.52	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
F	41	-20.88	55.52	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
F	41	-20.88	55.52	Transl10	******	0.656	******	******	******	******	0.738	******	0.700	0.727	******	******
F	34	-23.87	35.38	SrfDwn	292	324	277	230	217	200	205	239	258	264	306	292
F	34	-23.87	35.38	TopDwn	490	462	410	343	285	256	267	315	378	438	479	496
F	34	-23.87	35.38	CosZAvg	0.348	0.330	0.297	0.253	0.213	0.193	0.202	0.236	0.280	0.319	0.343	0.352
F	34	-23.87	35.38	TransMax	0.803	0.822	0.819	0.867	0.870	0.904	0.958	0.912	0.870	0.821	0.800	0.795
F	34	-23.87	35.38	TransMin	0.255	0.394	0.213	0.274	0.451	0.556	0.428	0.480	0.226	0.185	0.358	0.231
F	34	-23.87	35.38	TransT5	0.795	0.803	0.799	0.846	0.844	0.879	0.938	0.890	0.849	0.806	0.782	0.777
F	34	-23.87	35.38	Transl0	******	******	******	******	******	******	******	0.790	******	******	******	******
F	34	-23.87	35.38	Transl5	0.761	0.813	0.762	0.826	0.800	0.846	0.868	0.772	0.796	0.784	******	0.787
F	34	-23.87	35.38	Transl10	0.761	0.807	0.762	0.826	0.800	0.829	0.860	0.783	0.789	0.784	0.754	0.776
F	35	-24.52	33.00	SrfDwn	281	284	257	182	179	158	169	198	212	218	258	272
F	35	-24.52	33.00	TopDwn	491	461	408	340	281	251	263	311	376	437	479	497
F	35	-24.52	33.00	CosZAvg	0.348	0.330	0.296	0.251	0.210	0.190	0.199	0.234	0.278	0.318	0.343	0.353
F	35	-24.52	33.00	TransMax	0.733	0.755	0.792	0.686	0.725	0.726	0.739	0.747	0.739	0.771	0.744	0.758
F	35	-24.52	33.00	TransMin	0.224	0.368	0.262	0.195	0.346	0.259	0.413	0.297	0.083	0.116	0.119	0.152
F	35	-24.52	33.00	TransT5	0.718	0.742	0.792	0.674	0.708	0.708	0.720	0.746	0.726	0.771	0.721	0.742
F	35	-24.52	33.00	Transl0	******	******	******	******	******	******	******	0.687	******	******	******	******
F	35	-24.52	33.00	Transl5	0.704	0.755	0.734	0.686	0.695	0.683	0.685	0.689	0.693	0.687	******	0.671
F	35	-24.52	33.00	Transl10	0.704	0.727	0.734	0.686	0.681	0.676	0.682	0.682	0.694	0.687	0.703	0.681
F	36	-24.73	33.53	SrfDwn	******	******	******	135	140	123	126	155	170	196	206	213
F	36	-24.73	33.53	TopDwn	******	******	******	339	279	250	262	310	375	437	479	498
F	36	-24.73	33.53	CosZAvg	******	******	******	0.250	0.209	0.189	0.198	0.233	0.278	0.318	0.343	0.353
F	36	-24.73	33.53	TransMax	******	******	******	0.505	0.579	0.564	0.573	0.577	0.573	0.656	0.592	0.586
F	36	-24.73	33.53	TransMin	******	******	******	0.352	0.300	0.316	0.268	0.253	0.056	0.108	0.169	0.159
F	36	-24.73	33.53	TransT5	******	******	******	0.496	0.564	0.546	0.558	0.582	0.565	0.646	0.578	0.575
F	36	-24.73	33.53	Transl0	******	******	******	******	******	******	******	0.529	******	******	******	******
F	36	-24.73	33.53	Transl5	******	******	******	0.505	0.555	0.534	0.540	0.539	0.534	0.642	******	0.559
F	36	-24.73	33.53	Transl10	******	******	******	0.505	0.537	0.532	0.530	0.536	0.529	0.642	0.559	0.543
F	37	-25.92	32.57	SrfDwn	259	232	222	180	150	130	139	156	182	228	244	269
F	37	-25.92	32.57	TopDwn	493	480	404	333	272	243	255	304	371	435	480	500
F	37	-25.92	32.57	CosZAvg	0.350	0.329	0.293	0.246	0.204	0.183	0.193	0.228	0.275	0.316	0.344	0.355
F	37	-25.92	32.57	TransMax	0.708	0.678	0.698	0.721	0.658	0.607	0.663	0.619	0.681	0.717	0.772	0.714
F	37	-25.92	32.57	TransMin	0.092	0.335	0.182	0.144	0.195	0.255	0.149	0.273	0.079	0.136	0.167	0.159
F	37	-25.92	32.57	TransT5	0.693	0.678	0.678	0.707	0.637	0.594	0.659	0.609	0.681	0.700	0.772	0.700
F	37	-25.92	32.57	Transl0	******	******	******	******	******	******	******	0.560	******	******	******	******
F	37	-25.92	32.57	Transl5	******	0.678	******	******	0.577	0.577	******	0.551	0.657	******	******	******
F	37	-25.92	32.57	Transl10	0.670	0.678	0.661	0.686	0.575	0.580	0.588	0.537	0.635	******	******	******

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
F	38	-25.97	32.60	SrfDwn	313	296	277	220	200	167	182	208	228	255	259	315
F	38	-25.97	32.60	ToaDwn	493	460	404	333	272	242	254	304	371	435	460	500
F	38	-25.97	32.60	CosZAvg	0.350	0.329	0.293	0.246	0.204	0.183	0.193	0.228	0.274	0.316	0.344	0.355
F	38	-25.97	32.60	TransMax	0.825	0.802	0.838	0.844	0.837	0.789	0.856	0.809	0.866	0.774	0.770	0.810
F	38	-25.97	32.60	TransMin	0.207	0.410	0.181	0.194	0.247	0.313	0.168	0.243	0.090	0.123	0.159	0.222
F	38	-25.97	32.60	TransT5	0.801	0.790	0.816	0.824	0.816	0.770	0.829	0.792	0.866	0.756	0.759	0.785
F	38	-25.97	32.60	Transl0	******	******	******	******	******	******	******	0.770	******	******	******	******
F	38	-25.97	32.60	Transl5	******	0.783	******	******	0.786	0.720	******	0.751	0.813	******	******	******
F	38	-25.97	32.60	Transl10	0.779	0.783	0.796	0.791	0.785	0.732	0.771	0.733	0.778	******	******	******
F	39	-26.05	32.38	SrfDwn	231	230	223	162	152	136	136	154	164	193	214	237
F	39	-26.05	32.38	ToaDwn	493	460	403	333	272	242	254	303	370	435	460	500
F	39	-26.05	32.38	CosZAvg	0.350	0.329	0.292	0.245	0.204	0.183	0.192	0.228	0.274	0.316	0.344	0.355
F	39	-26.05	32.38	TransMax	0.672	0.694	0.660	0.630	0.651	0.620	0.626	0.600	0.619	0.614	0.638	0.629
F	39	-26.05	32.38	TransMin	0.169	0.298	0.181	0.144	0.237	0.359	0.201	0.174	0.081	0.090	0.134	0.165
F	39	-26.05	32.38	TransT5	0.672	0.690	0.660	0.614	0.630	0.606	0.609	0.585	0.607	0.602	0.626	0.611
F	39	-26.05	32.38	Transl0	******	******	******	******	******	******	******	0.581	******	******	******	******
F	39	-26.05	32.38	Transl5	******	0.684	******	******	0.595	0.600	******	0.553	0.616	******	******	******
F	39	-26.05	32.38	Transl10	0.625	0.684	0.658	0.614	0.586	0.598	0.587	0.556	0.583	******	******	******
G	2	-12.40	130.87	SrfDwn	******	******	******	250	208	198	187	222	247	258	253	251
G	2	-12.40	130.87	ToaDwn	******	******	******	391	348	324	333	368	411	444	460	464
G	2	-12.40	130.87	CosZAvg	******	******	******	0.288	0.261	0.245	0.252	0.277	0.304	0.323	0.329	0.329
G	2	-12.40	130.87	TransMax	******	******	******	0.679	0.691	0.683	0.699	0.692	0.704	0.689	0.639	0.661
G	2	-12.40	130.87	TransMin	******	******	******	0.671	0.343	0.346	0.347	0.277	0.130	0.331	0.338	0.331
G	2	-12.40	130.87	TransT5	******	******	******	0.674	0.673	0.669	0.679	0.678	0.684	0.670	0.625	0.644
G	2	-12.40	130.87	Transl0	******	******	******	******	******	0.657	******	******	******	******	******	******
G	2	-12.40	130.87	Transl5	******	******	******	0.674	0.681	0.673	******	******	******	******	******	******
G	2	-12.40	130.87	Transl10	******	******	******	0.674	0.661	0.668	0.699	0.689	******	******	******	******
G	3	-12.47	130.83	SrfDwn	******	******	******	250	208	198	187	222	247	258	253	251
G	3	-12.47	130.83	ToaDwn	******	******	******	390	347	324	332	368	411	444	460	465
G	3	-12.47	130.83	CosZAvg	******	******	******	0.288	0.260	0.245	0.252	0.276	0.304	0.323	0.330	0.330
G	3	-12.47	130.83	TransMax	******	******	******	0.679	0.692	0.684	0.700	0.692	0.705	0.689	0.639	0.660
G	3	-12.47	130.83	TransMin	******	******	******	0.671	0.343	0.346	0.348	0.277	0.130	0.331	0.338	0.330
G	3	-12.47	130.83	TransT5	******	******	******	0.675	0.674	0.670	0.680	0.679	0.684	0.670	0.625	0.643
G	3	-12.47	130.83	Transl0	******	******	******	******	******	0.658	******	******	******	******	******	******
G	3	-12.47	130.83	Transl5	******	******	******	0.674	0.682	0.674	******	******	******	******	******	******
G	3	-12.47	130.83	Transl10	******	******	******	0.674	0.661	0.668	0.700	0.689	******	******	******	******
G	4	-16.30	149.98	SrfDwn	243	287	236	203	201	191	187	215	263	301	318	******
G	4	-16.30	149.98	ToaDwn	476	461	427	376	328	302	311	351	402	444	468	******
G	4	-16.30	149.98	CosZAvg	0.337	0.329	0.310	0.278	0.245	0.228	0.236	0.264	0.297	0.323	0.335	******
G	4	-16.30	149.98	TransMax	0.703	0.724	0.695	0.709	0.722	0.723	0.727	0.741	0.732	0.736	0.729	******
G	4	-16.30	149.98	TransMin	0.088	0.447	0.085	0.192	0.372	0.153	0.307	0.304	0.443	0.562	0.343	******
G	4	-16.30	149.98	TransT5	0.694	0.710	0.681	0.695	0.703	0.708	0.716	0.724	0.708	0.711	0.711	******
G	4	-16.30	149.98	Transl0	******	******	******	******	******	0.711	******	0.731	0.705	******	0.725	******
G	4	-16.30	149.98	Transl5	******	******	******	******	******	0.714	******	0.709	0.702	0.712	0.725	******
G	4	-16.30	149.98	Transl10	******	0.716	******	******	0.689	0.710	0.699	0.709	0.699	0.706	0.711	******
G	28	-17.75	177.45	SrfDwn	267	257	227	159	183	166	190	199	232	303	266	215
G	28	-17.75	177.45	ToaDwn	479	462	424	371	320	293	303	344	397	443	471	481
G	28	-17.75	177.45	CosZAvg	0.339	0.330	0.308	0.274	0.240	0.222	0.229	0.259	0.294	0.322	0.337	0.341
G	28	-17.75	177.45	TransMax	0.730	0.716	0.722	0.702	0.728	0.720	0.725	0.739	0.737	0.760	0.738	0.716
G	28	-17.75	177.45	TransMin	0.211	0.252	0.194	0.026	0.163	0.077	0.270	0.201	0.164	0.457	0.155	0.147
G	28	-17.75	177.45	TransT5	0.715	0.696	0.706	0.691	0.714	0.706	0.707	0.725	0.726	0.735	0.725	0.716
G	28	-17.75	177.45	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	28	-17.75	177.45	Transl5	******	******	0.693	******	******	0.720	******	******	******	0.704	******	******
G	28	-17.75	177.45	Transl10	******	0.696	0.693	******	******	0.711	******	******	0.726	0.704	******	******
G	29	-18.05	178.57	SrfDwn	254	246	211	124	143	139	149	162	167	280	212	184
G	29	-18.05	178.57	ToaDwn	480	462	424	369	318	292	301	343	397	443	471	482
G	29	-18.05	178.57	CosZAvg	0.340	0.330	0.307	0.273	0.238	0.221	0.228	0.258	0.294	0.322	0.337	0.342
G	29	-18.05	178.57	TransMax	0.716	0.723	0.718	0.671	0.682	0.707	0.686	0.718	0.705	0.740	0.674	0.717
G	29	-18.05	178.57	TransMin	0.098	0.095	0.139	0.020	0.102	0.051	0.189	0.095	0.137	0.137	0.147	0.151
G	29	-18.05	178.57	TransT5	0.700	0.711	0.703	0.671	0.676	0.694	0.677	0.695	0.692	0.725	0.688	0.708
G	29	-18.05	178.57	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	29	-18.05	178.57	Transl5	******	******	0.715	******	******	0.703	******	******	******	0.708	******	******
G	29	-18.05	178.57	Transl10	******	0.674	0.715	******	******	0.694	******	******	0.679	0.708	******	******
G	5	-18.22	127.65	SrfDwn	250	300	281	252	225	172	202	244	285	310	321	328
G	5	-18.22	127.65	ToaDwn	480	462	423	369	317	290	301	342	396	443	471	482
G	5	-18.22	127.65	CosZAvg	0.340	0.330	0.307	0.272	0.238	0.220	0.228	0.257	0.293	0.322	0.338	0.342
G	5	-18.22	127.65	TransMax	0.724	0.718	0.761	0.753	0.756	0.738	0.788	0.791	0.778	0.761	0.769	0.747
G	5	-18.22	127.65	TransMin	0.194	0.522	0.480	0.395	0.489	0.177	0.131	0.510	0.315	0.511	0.450	0.465
G	5	-18.22	127.65	TransT5	0.713	0.701	0.741	0.735	0.735	0.722	0.770	0.774	0.763	0.739	0.758	0.729
G	5	-18.22	127.65	Transl0	******	******	0.749	0.746	0.737	0.729	0.762	0.770	******	0.745	0.757	******
G	5	-18.22	127.65	Transl5	0.651	0.714	0.735	0.737	0.734	0.704	0.751	0.761	0.728	0.744	0.753	0.725
G	5	-18.22	127.65	Transl10	0.651	0.706	0.735	0.737	0.733	0.711	0.749	0.754	0.729	0.745	0.746	0.728

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
G	6	-20.37	118.62	SrfDwn	303	300	282	247	219	162	194	250	276	329	349	350
G	6	-20.37	118.62	TOADwn	484	462	419	359	305	277	288	332	390	441	475	488
G	6	-20.37	118.62	CosZAvg	0.343	0.330	0.304	0.265	0.229	0.210	0.218	0.249	0.289	0.321	0.340	0.346
G	6	-20.37	118.62	TransMax	0.731	0.782	0.745	0.777	0.791	0.753	0.789	0.799	0.778	0.778	0.775	0.768
G	6	-20.37	118.62	TransMin	0.394	0.146	0.214	0.399	0.381	0.180	0.177	0.582	0.343	0.673	0.478	0.479
G	6	-20.37	118.62	TransT5	0.717	0.736	0.727	0.757	0.765	0.742	0.767	0.778	0.764	0.759	0.752	0.746
G	6	-20.37	118.62	Trans10	******	******	******	******	******	******	0.763	0.786	******	0.769	******	******
G	6	-20.37	118.62	Trans15	0.638	0.782	0.735	0.757	0.749	0.743	0.761	0.760	0.751	0.757	0.747	0.749
G	6	-20.37	118.62	Trans110	0.678	0.750	0.723	0.758	0.744	0.745	0.740	0.758	0.753	0.757	0.707	0.748
G	30	-20.57	164.28	SrfDwn	274	261	202	206	162	158	174	204	249	307	283	310
G	30	-20.57	164.28	TOADwn	485	463	418	359	304	276	287	331	389	441	475	488
G	30	-20.57	164.28	CosZAvg	0.344	0.331	0.303	0.265	0.228	0.209	0.217	0.249	0.288	0.321	0.340	0.346
G	30	-20.57	164.28	TransMax	0.718	0.747	0.737	0.743	0.730	0.723	0.746	0.759	0.765	0.758	0.752	0.760
G	30	-20.57	164.28	TransMin	0.311	0.130	0.086	0.277	0.107	0.141	0.206	0.184	0.398	0.562	0.238	0.078
G	30	-20.57	164.28	TransT5	0.702	0.732	0.715	0.729	0.714	0.704	0.732	0.752	0.751	0.739	0.731	0.742
G	30	-20.57	164.28	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
G	30	-20.57	164.28	Trans15	******	******	******	******	******	******	******	******	******	0.675	******	******
G	30	-20.57	164.28	Trans110	******	******	******	******	******	******	******	******	0.756	0.675	******	******
G	7	-23.38	150.47	SrfDwn	280	249	257	182	162	146	142	165	229	232	297	277
G	7	-23.38	150.47	TOADwn	490	462	411	346	288	259	270	317	380	438	478	495
G	7	-23.38	150.47	CosZAvg	0.347	0.330	0.298	0.255	0.218	0.196	0.204	0.238	0.281	0.319	0.342	0.351
G	7	-23.38	150.47	TransMax	0.695	0.679	0.717	0.697	0.731	0.728	0.734	0.736	0.740	0.736	0.759	0.735
G	7	-23.38	150.47	TransMin	0.164	0.199	0.399	0.148	0.099	0.139	0.148	0.116	0.299	0.159	0.235	0.251
G	7	-23.38	150.47	TransT5	0.674	0.670	0.696	0.686	0.726	0.709	0.720	0.723	0.728	0.720	0.738	0.735
G	7	-23.38	150.47	Trans10	******	******	******	******	0.714	0.698	******	0.718	******	******	******	******
G	7	-23.38	150.47	Trans15	******	******	******	******	0.714	0.698	0.714	0.712	******	0.661	0.759	0.735
G	7	-23.38	150.47	Trans110	0.653	0.628	0.697	******	0.659	0.696	0.661	0.718	0.722	0.674	0.729	0.690
G	8	-23.43	144.27	SrfDwn	344	303	306	240	198	180	170	228	272	292	342	350
G	8	-23.43	144.27	TOADwn	490	462	411	346	288	258	270	317	379	438	478	495
G	8	-23.43	144.27	CosZAvg	0.347	0.330	0.298	0.255	0.216	0.195	0.204	0.238	0.281	0.319	0.342	0.351
G	8	-23.43	144.27	TransMax	0.798	0.773	0.799	0.768	0.788	0.783	0.800	0.790	0.790	0.805	0.804	0.794
G	8	-23.43	144.27	TransMin	0.192	0.347	0.664	0.432	0.375	0.513	0.108	0.380	0.284	0.205	0.492	0.391
G	8	-23.43	144.27	TransT5	0.773	0.751	0.774	0.749	0.782	0.771	0.782	0.774	0.774	0.778	0.784	0.779
G	8	-23.43	144.27	Trans10	0.774	******	0.771	******	0.756	0.754	0.765	0.773	0.790	******	******	0.781
G	8	-23.43	144.27	Trans15	0.777	0.757	0.763	0.753	0.753	0.757	0.753	0.774	0.786	0.775	0.775	0.773
G	8	-23.43	144.27	Trans110	0.777	0.751	0.761	0.747	0.751	0.753	0.744	0.771	0.786	0.764	0.775	0.776
G	9	-23.80	133.90	SrfDwn	297	308	284	232	191	138	150	216	246	290	329	322
G	9	-23.80	133.90	TOADwn	490	462	410	344	285	256	267	315	378	438	478	496
G	9	-23.80	133.90	CosZAvg	0.348	0.330	0.298	0.254	0.214	0.194	0.202	0.236	0.280	0.318	0.343	0.352
G	9	-23.80	133.90	TransMax	0.724	0.733	0.732	0.742	0.749	0.739	0.749	0.739	0.736	0.709	0.724	0.723
G	9	-23.80	133.90	TransMin	0.167	0.506	0.504	0.158	0.336	0.037	0.080	0.229	0.339	0.364	0.554	0.222
G	9	-23.80	133.90	TransT5	0.710	0.719	0.713	0.721	0.727	0.720	0.730	0.730	0.716	0.697	0.710	0.709
G	9	-23.80	133.90	Trans10	0.713	0.727	0.710	0.721	0.722	0.722	0.734	0.730	0.716	0.699	0.716	0.719
G	9	-23.80	133.90	Trans15	0.716	0.725	0.715	0.721	0.719	0.716	0.731	0.731	0.712	0.699	0.716	0.707
G	9	-23.80	133.90	Trans110	0.709	0.718	0.715	0.720	0.713	0.714	0.727	0.729	0.710	0.699	0.715	0.706
G	10	-27.43	153.08	SrfDwn	276	252	228	184	139	129	128	161	217	232	256	269
G	10	-27.43	153.08	TOADwn	495	460	400	326	284	233	245	295	364	432	481	502
G	10	-27.43	153.08	CosZAvg	0.351	0.329	0.290	0.241	0.198	0.176	0.185	0.222	0.270	0.314	0.344	0.356
G	10	-27.43	153.08	TransMax	0.700	0.707	0.699	0.677	0.698	0.703	0.705	0.719	0.718	0.723	0.731	0.706
G	10	-27.43	153.08	TransMin	0.167	0.193	0.342	0.310	0.113	0.151	0.143	0.105	0.310	0.156	0.113	0.175
G	10	-27.43	153.08	TransT5	0.680	0.691	0.678	0.682	0.683	0.684	0.686	0.695	0.713	0.711	0.714	0.687
G	10	-27.43	153.08	Trans10	******	******	******	******	0.685	0.646	0.689	******	******	******	******	******
G	10	-27.43	153.08	Trans15	******	******	0.685	0.674	0.672	0.676	0.681	0.672	0.655	0.704	******	******
G	10	-27.43	153.08	Trans110	******	0.621	0.683	0.672	0.667	0.676	0.669	0.677	0.653	0.681	0.712	0.657
G	11	-28.78	114.70	SrfDwn	350	274	255	218	152	132	145	178	******	******	332	340
G	11	-28.78	114.70	TOADwn	496	458	395	319	255	224	236	286	******	******	481	505
G	11	-28.78	114.70	CosZAvg	0.352	0.328	0.287	0.236	0.191	0.169	0.179	0.216	******	******	0.345	0.358
G	11	-28.78	114.70	TransMax	0.781	0.760	0.762	0.759	0.766	0.755	0.756	0.749	******	******	0.750	0.750
G	11	-28.78	114.70	TransMin	0.404	0.104	0.283	0.167	0.244	0.174	0.324	0.505	******	******	0.423	0.482
G	11	-28.78	114.70	TransT5	0.761	0.746	0.740	0.738	0.744	0.736	0.739	0.735	******	******	0.738	0.735
G	11	-28.78	114.70	Trans10	******	******	******	0.743	0.749	0.738	0.749	******	******	******	******	******
G	11	-28.78	114.70	Trans15	******	******	0.739	0.738	0.742	0.735	0.730	0.730	******	******	0.745	******
G	11	-28.78	114.70	Trans110	0.754	0.753	0.734	0.738	0.740	0.735	0.731	0.730	******	******	0.743	0.738
G	12	-30.77	121.45	SrfDwn	319	257	238	197	132	96	******	******	******	282	317	344
G	12	-30.77	121.45	TOADwn	498	456	389	309	243	211	******	******	******	425	482	507
G	12	-30.77	121.45	CosZAvg	0.353	0.326	0.282	0.228	0.182	0.160	******	******	******	0.309	0.345	0.360
G	12	-30.77	121.45	TransMax	0.756	0.749	0.738	0.747	0.724	0.746	******	******	******	0.768	0.783	0.764
G	12	-30.77	121.45	TransMin	0.253	0.211	0.337	0.223	0.147	0.086	******	******	******	0.224	0.386	0.110
G	12	-30.77	121.45	TransT5	0.743	0.733	0.723	0.727	0.712	0.733	******	******	******	0.751	0.762	0.744
G	12	-30.77	121.45	Trans10	******	******	******	0.747	0.721	0.729	******	******	******	******	******	******
G	12	-30.77	121.45	Trans15	0.752	0.732	0.715	0.723	0.719	0.695	******	******	******	0.755	0.777	0.752
G	12	-30.77	121.45	Trans110	0.744	0.697	0.701	0.725	0.718	0.695	******	******	******	0.752	0.777	0.752

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
G	13	-30.83	128.10	SrfDwn	337	279	239	195	153	109	139	177	229	275	310	343
G	13	-30.83	128.10	TOADwn	498	456	388	309	242	211	223	276	350	425	481	507
G	13	-30.83	128.10	CosZAvg	0.353	0.326	0.282	0.228	0.182	0.159	0.169	0.207	0.259	0.309	0.345	0.360
G	13	-30.83	128.10	TransMax	0.764	0.750	0.736	0.759	0.749	0.747	0.761	0.762	0.768	0.766	0.769	0.765
G	13	-30.83	128.10	TransMin	0.294	0.251	0.171	0.115	0.326	0.070	0.207	0.407	0.154	0.255	0.239	0.466
G	13	-30.83	128.10	TransT5	0.747	0.737	0.725	0.744	0.739	0.736	0.749	0.745	0.750	0.756	0.753	0.745
G	13	-30.83	128.10	Trans10	******	******	******	******	0.744	0.725	0.754	0.750	******	******	******	******
G	13	-30.83	128.10	Trans15	******	******	******	******	0.741	0.736	0.748	0.750	0.750	0.756	0.765	0.729
G	13	-30.83	128.10	Trans110	0.751	0.738	0.731	0.749	0.741	0.720	0.747	0.749	0.754	0.761	0.766	0.749
G	14	-31.13	136.82	SrfDwn	370	335	******	******	******	******	******	******	235	283	320	348
G	14	-31.13	136.82	TOADwn	498	456	******	******	******	******	******	******	349	425	481	508
G	14	-31.13	136.82	CosZAvg	0.353	0.326	******	******	******	******	******	******	0.258	0.309	0.345	0.360
G	14	-31.13	136.82	TransMax	0.785	0.767	******	******	******	******	******	******	0.776	0.780	0.779	0.770
G	14	-31.13	136.82	TransMin	0.504	0.598	******	******	******	******	******	******	0.325	0.172	0.245	0.354
G	14	-31.13	136.82	TransT5	0.769	0.761	******	******	******	******	******	******	0.757	0.760	0.765	0.760
G	14	-31.13	136.82	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
G	14	-31.13	136.82	Trans15	******	******	******	******	******	******	******	******	0.734	0.779	******	******
G	14	-31.13	136.82	Trans110	0.772	0.762	******	******	******	******	******	******	0.752	0.772	0.779	0.761
G	15	-31.93	115.95	SrfDwn	359	272	240	200	117	108	114	153	178	254	300	350
G	15	-31.93	115.95	TOADwn	499	455	384	303	235	203	216	270	346	423	481	509
G	15	-31.93	115.95	CosZAvg	0.353	0.325	0.279	0.223	0.176	0.154	0.164	0.202	0.256	0.308	0.345	0.361
G	15	-31.93	115.95	TransMax	0.746	0.779	0.774	0.786	0.764	0.749	0.766	0.753	0.722	0.738	0.754	0.749
G	15	-31.93	115.95	TransMin	0.746	0.063	0.236	0.336	0.077	0.133	0.147	0.287	0.187	0.390	0.117	0.452
G	15	-31.93	115.95	TransT5	0.746	0.763	0.752	0.745	0.747	0.736	0.750	0.739	0.702	0.728	0.737	0.740
G	15	-31.93	115.95	Trans10	******	******	******	0.743	0.743	0.737	******	0.737	******	0.730	******	******
G	15	-31.93	115.95	Trans15	******	0.759	0.749	0.745	0.734	0.743	******	0.745	0.713	0.735	0.738	0.744
G	15	-31.93	115.95	Trans110	******	0.759	0.743	0.746	0.734	0.737	******	0.711	0.707	0.710	0.732	0.742
G	16	-32.78	151.82	SrfDwn	282	249	227	191	114	117	******	******	192	255	259	334
G	16	-32.78	151.82	TOADwn	499	453	381	298	230	198	******	******	342	421	481	509
G	16	-32.78	151.82	CosZAvg	0.354	0.324	0.276	0.220	0.172	0.150	******	******	0.253	0.306	0.345	0.361
G	16	-32.78	151.82	TransMax	0.761	0.749	0.729	0.742	0.723	0.743	******	******	0.744	0.770	0.761	0.758
G	16	-32.78	151.82	TransMin	0.060	0.162	0.147	0.252	0.272	0.092	******	******	0.097	0.243	0.102	0.314
G	16	-32.78	151.82	TransT5	0.753	0.734	0.712	0.725	0.704	0.724	******	******	0.727	0.750	0.748	0.740
G	16	-32.78	151.82	Trans10	******	******	******	******	******	******	******	******	******	******	******	******
G	16	-32.78	151.82	Trans15	0.724	0.720	0.707	0.726	0.606	0.704	******	******	0.709	******	******	******
G	16	-32.78	151.82	Trans110	0.736	0.723	0.708	0.722	0.568	0.704	******	******	0.715	0.739	******	0.740
G	17	-33.95	151.18	SrfDwn	269	228	212	186	118	109	109	141	185	250	249	304
G	17	-33.95	151.18	TOADwn	499	452	377	292	223	190	203	257	336	418	481	511
G	17	-33.95	151.18	CosZAvg	0.354	0.323	0.273	0.215	0.167	0.144	0.154	0.193	0.249	0.304	0.344	0.362
G	17	-33.95	151.18	TransMax	0.759	0.738	0.745	0.716	0.691	0.682	0.687	0.713	0.731	0.774	0.761	0.767
G	17	-33.95	151.18	TransMin	0.145	0.135	0.109	0.163	0.218	0.340	0.115	0.027	0.141	0.255	0.071	0.263
G	17	-33.95	151.18	TransT5	0.751	0.724	0.745	0.693	0.672	0.668	0.673	0.694	0.712	0.756	0.747	0.747
G	17	-33.95	151.18	Trans10	******	******	******	******	******	******	******	******	0.643	******	******	******
G	17	-33.95	151.18	Trans15	0.732	0.738	0.701	0.689	0.647	0.684	******	0.676	0.694	******	******	******
G	17	-33.95	151.18	Trans110	0.745	0.709	0.700	0.685	0.648	0.684	0.668	0.676	0.698	0.750	******	0.746
G	18	-34.23	142.08	SrfDwn	352	281	259	184	115	96	99	137	184	226	307	299
G	18	-34.23	142.08	TOADwn	499	451	376	290	221	188	201	256	335	417	481	511
G	18	-34.23	142.08	CosZAvg	0.354	0.322	0.272	0.214	0.165	0.142	0.152	0.192	0.248	0.303	0.344	0.362
G	18	-34.23	142.08	TransMax	0.754	0.761	0.749	0.731	0.713	0.693	0.717	0.722	0.720	0.741	0.752	0.743
G	18	-34.23	142.08	TransMin	0.248	0.083	0.480	0.270	0.154	0.143	0.082	0.111	0.082	0.180	0.202	0.224
G	18	-34.23	142.08	TransT5	0.740	0.732	0.730	0.715	0.697	0.680	0.705	0.708	0.704	0.724	0.741	0.733
G	18	-34.23	142.08	Trans10	0.735	******	0.721	0.727	0.713	0.682	0.716	0.713	******	******	******	0.730
G	18	-34.23	142.08	Trans15	0.741	0.734	0.726	0.717	0.713	0.668	0.717	0.712	0.704	******	0.747	0.735
G	18	-34.23	142.08	Trans110	0.741	0.734	0.724	0.717	0.689	0.668	0.710	0.710	0.702	0.733	0.746	0.735
G	19	-34.93	138.52	SrfDwn	353	288	244	156	106	91	89	131	195	240	316	300
G	19	-34.93	138.52	TOADwn	500	450	373	286	216	183	196	252	332	415	480	511
G	19	-34.93	138.52	CosZAvg	0.354	0.321	0.270	0.211	0.162	0.139	0.149	0.189	0.245	0.302	0.344	0.363
G	19	-34.93	138.52	TransMax	0.798	0.763	0.775	0.746	0.684	0.668	0.690	0.714	0.756	0.742	0.791	0.772
G	19	-34.93	138.52	TransMin	0.397	0.281	0.267	0.113	0.102	0.135	0.078	0.089	0.132	0.278	0.237	0.234
G	19	-34.93	138.52	TransT5	0.777	0.748	0.748	0.725	0.672	0.650	0.679	0.706	0.741	0.727	0.774	0.760
G	19	-34.93	138.52	Trans10	******	******	******	******	0.679	******	0.685	******	******	******	******	******
G	19	-34.93	138.52	Trans15	0.777	0.755	0.745	0.707	0.667	0.633	0.685	0.678	0.724	******	0.778	******
G	19	-34.93	138.52	Trans110	0.776	0.723	0.743	0.711	0.667	0.633	0.685	0.641	0.724	******	0.785	0.720
G	20	-34.95	117.80	SrfDwn	******	******	164	157	******	******	89	114	141	197	230	253
G	20	-34.95	117.80	TOADwn	******	******	373	286	******	******	196	252	332	415	481	511
G	20	-34.95	117.80	CosZAvg	******	******	0.270	0.211	******	******	0.149	0.189	0.246	0.302	0.344	0.363
G	20	-34.95	117.80	TransMax	******	******	0.686	0.642	******	******	0.659	0.620	0.635	0.626	0.672	0.668
G	20	-34.95	117.80	TransMin	******	******	0.202	0.298	******	******	0.185	0.237	0.140	0.321	0.202	0.262
G	20	-34.95	117.80	TransT5	******	******	0.686	0.638	******	******	0.659	0.620	0.634	0.624	0.663	0.651
G	20	-34.95	117.80	Trans10	******	******	******	0.641	******	******	******	******	******	******	******	******
G	20	-34.95	117.80	Trans15	******	******	0.686	0.639	******	******	0.659	******	******	******	0.672	0.652
G	20	-34.95	117.80	Trans110	******	******	0.686	0.639	******	******	0.659	******	0.548	0.621	0.670	0.656

Table 2. Continued

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
G	21	-35.15	147.45	SrfDwn	309	292	239	167	109	83	80	127	156	195	272	299
G	21	-35.15	147.45	TOADwn	500	449	372	285	215	182	195	250	331	415	480	512
G	21	-35.15	147.45	CosZAvg	0.354	0.321	0.270	0.210	0.161	0.138	0.146	0.186	0.245	0.301	0.344	0.363
G	21	-35.15	147.45	TransMax	0.713	0.718	0.721	0.725	0.713	0.691	0.686	0.708	0.689	0.684	0.716	0.718
G	21	-35.15	147.45	TransMin	0.139	0.297	0.357	0.154	0.075	0.236	0.088	0.184	0.136	0.106	0.089	0.160
G	21	-35.15	147.45	TransT5	0.696	0.698	0.708	0.708	0.700	0.676	0.675	0.694	0.677	0.670	0.705	0.701
G	21	-35.15	147.45	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	21	-35.15	147.45	Transl5	******	******	******	******	******	0.686	0.664	******	******	******	******	******
G	21	-35.15	147.45	Transl10	0.697	******	******	0.707	0.693	0.686	0.666	0.686	******	******	0.693	******
G	22	-35.30	149.18	SrfDwn	319	293	231	179	112	98	101	138	183	228	263	******
G	22	-35.30	149.18	TOADwn	500	449	371	284	214	181	194	249	330	414	480	******
G	22	-35.30	149.18	CosZAvg	0.354	0.321	0.269	0.210	0.160	0.137	0.147	0.187	0.244	0.301	0.344	******
G	22	-35.30	149.18	TransMax	0.775	0.775	0.753	0.744	0.720	0.707	0.712	0.724	0.749	0.780	0.785	******
G	22	-35.30	149.18	TransMin	0.295	0.385	0.319	0.293	0.145	0.272	0.084	0.193	0.214	0.157	0.161	******
G	22	-35.30	149.18	TransT5	0.784	0.752	0.741	0.728	0.697	0.686	0.691	0.712	0.730	0.755	0.767	******
G	22	-35.30	149.18	Transl0	******	******	0.737	******	******	******	******	******	******	******	******	******
G	22	-35.30	149.18	Transl5	******	******	0.737	0.710	0.655	******	******	0.707	0.739	******	******	******
G	22	-35.30	149.18	Transl10	******	0.775	0.726	0.701	0.673	******	0.692	0.708	0.736	******	******	******
G	31	-37.02	174.80	SrfDwn	258	228	******	138	105	77	90	114	161	216	254	282
G	31	-37.02	174.80	TOADwn	500	446	******	274	203	169	182	239	321	409	479	513
G	31	-37.02	174.80	CosZAvg	0.354	0.319	******	0.202	0.152	0.128	0.138	0.179	0.238	0.297	0.343	0.364
G	31	-37.02	174.80	TransMax	0.744	0.741	******	0.699	0.674	0.658	0.686	0.706	0.721	0.731	0.747	0.743
G	31	-37.02	174.80	TransMin	0.097	0.156	******	0.297	0.244	0.209	0.088	0.081	0.112	0.199	0.251	0.121
G	31	-37.02	174.80	TransT5	0.731	0.726	******	0.689	0.680	0.651	0.657	0.691	0.706	0.709	0.723	0.732
G	31	-37.02	174.80	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	31	-37.02	174.80	Transl5	******	******	******	******	******	0.614	******	0.693	******	******	******	******
G	31	-37.02	174.80	Transl10	******	0.729	******	0.642	******	0.614	0.671	0.698	0.709	******	******	******
G	23	-37.73	140.78	SrfDwn	289	237	186	111	71	66	69	100	139	184	238	223
G	23	-37.73	140.78	TOADwn	500	444	361	270	198	165	178	234	318	407	479	513
G	23	-37.73	140.78	CosZAvg	0.354	0.318	0.262	0.199	0.148	0.125	0.135	0.176	0.235	0.296	0.343	0.364
G	23	-37.73	140.78	TransMax	0.691	0.670	0.678	0.658	0.602	0.608	0.639	0.640	0.660	0.672	0.687	0.685
G	23	-37.73	140.78	TransMin	0.223	0.326	0.268	0.185	0.087	0.185	0.148	0.084	0.119	0.168	0.159	0.128
G	23	-37.73	140.78	TransT5	0.675	0.657	0.657	0.656	0.602	0.608	0.635	0.623	0.646	0.663	0.681	0.674
G	23	-37.73	140.78	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	23	-37.73	140.78	Transl5	0.682	******	0.648	******	******	******	******	******	******	******	0.687	0.597
G	23	-37.73	140.78	Transl10	0.682	******	0.648	******	******	******	******	0.618	******	******	0.687	0.618
G	24	-37.82	144.97	SrfDwn	291	254	205	125	80	62	62	******	******	******	******	******
G	24	-37.82	144.97	TOADwn	500	444	361	289	197	164	177	******	******	******	******	******
G	24	-37.82	144.97	CosZAvg	0.354	0.317	0.262	0.199	0.148	0.124	0.134	******	******	******	******	******
G	24	-37.82	144.97	TransMax	0.754	0.737	0.708	0.700	0.657	0.652	0.628	******	******	******	******	******
G	24	-37.82	144.97	TransMin	0.144	0.131	0.261	0.121	0.072	0.113	0.105	******	******	******	******	******
G	24	-37.82	144.97	TransT5	0.740	0.721	0.695	0.686	0.657	0.652	0.620	******	******	******	******	******
G	24	-37.82	144.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	24	-37.82	144.97	Transl5	0.727	0.707	0.698	0.677	******	0.652	******	******	******	******	******	******
G	24	-37.82	144.97	Transl10	0.727	0.707	0.700	0.677	******	0.652	******	******	******	******	******	******
G	25	-37.85	144.73	SrfDwn	298	262	215	134	84	73	74	120	156	207	254	263
G	25	-37.85	144.73	TOADwn	500	444	361	289	197	164	177	234	317	407	478	513
G	25	-37.85	144.73	CosZAvg	0.354	0.317	0.262	0.199	0.148	0.124	0.134	0.175	0.235	0.296	0.343	0.364
G	25	-37.85	144.73	TransMax	0.767	0.766	0.755	0.730	0.708	0.720	0.735	0.731	0.758	0.720	0.771	0.756
G	25	-37.85	144.73	TransMin	0.158	0.153	0.326	0.154	0.084	0.186	0.129	0.147	0.105	0.087	0.227	0.149
G	25	-37.85	144.73	TransT5	0.750	0.744	0.735	0.716	0.695	0.711	0.719	0.718	0.740	0.705	0.764	0.739
G	25	-37.85	144.73	Transl0	******	******	******	******	******	******	0.735	******	******	******	******	******
G	25	-37.85	144.73	Transl5	0.747	0.724	0.724	0.716	******	0.720	0.735	******	******	******	******	0.756
G	25	-37.85	144.73	Transl10	0.747	0.724	0.729	0.716	******	0.720	0.719	0.560	******	******	******	0.746
G	32	-40.20	175.37	SrfDwn	260	233	228	******	84	67	70	100	145	179	250	274
G	32	-40.20	175.37	TOADwn	499	439	351	******	182	148	161	219	305	399	476	514
G	32	-40.20	175.37	CosZAvg	0.354	0.314	0.254	******	0.136	0.112	0.122	0.164	0.226	0.290	0.341	0.364
G	32	-40.20	175.37	TransMax	0.735	0.743	0.913	******	0.659	0.589	0.611	0.682	0.690	0.671	0.757	0.737
G	32	-40.20	175.37	TransMin	0.112	0.088	0.289	******	0.123	0.191	0.093	0.058	0.095	0.142	0.233	0.208
G	32	-40.20	175.37	TransT5	0.723	0.725	0.698	******	0.642	0.578	0.601	0.675	0.690	0.671	0.754	0.735
G	32	-40.20	175.37	Transl0	******	******	******	******	******	******	0.610	******	******	******	******	******
G	32	-40.20	175.37	Transl5	******	0.743	0.710	******	0.619	0.483	0.610	******	******	******	******	******
G	32	-40.20	175.37	Transl10	******	0.743	0.710	******	0.601	0.483	0.515	******	******	******	******	******
G	33	-41.28	174.77	SrfDwn	289	221	195	132	79	62	65	88	153	181	254	277
G	33	-41.28	174.77	TOADwn	498	436	346	249	175	141	154	212	299	395	475	514
G	33	-41.28	174.77	CosZAvg	0.353	0.312	0.251	0.183	0.131	0.107	0.117	0.159	0.221	0.287	0.340	0.364
G	33	-41.28	174.77	TransMax	0.770	0.752	0.750	0.715	0.679	0.685	0.684	0.693	0.727	0.728	0.752	0.744
G	33	-41.28	174.77	TransMin	0.143	0.077	0.290	0.167	0.120	0.134	0.057	0.048	0.128	0.103	0.224	0.228
G	33	-41.28	174.77	TransT5	0.754	0.740	0.723	0.700	0.657	0.669	0.665	0.681	0.713	0.717	0.741	0.736
G	33	-41.28	174.77	Transl0	******	******	******	******	******	******	0.659	******	******	******	******	******
G	33	-41.28	174.77	Transl5	******	0.752	0.750	******	0.636	0.614	0.659	******	******	******	******	******
G	33	-41.28	174.77	Transl10	******	0.752	0.750	0.567	0.659	0.614	0.569	******	******	******	******	******

Table 2. Concluded

Reg	Site	Lat	Lon	Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
G	26	-42.83	147.50	SrfDwn	251	235	162	120	71	64	67	94	144	191	259	254
G	26	-42.83	147.50	TopDwn	497	432	338	239	184	130	144	202	291	390	473	514
G	26	-42.83	147.50	CosZAvg	0.352	0.309	0.245	0.178	0.123	0.099	0.109	0.152	0.215	0.284	0.339	0.364
G	26	-42.83	147.50	TransMax	0.734	0.711	0.725	0.715	0.696	0.686	0.732	0.695	0.720	0.737	0.719	0.732
G	26	-42.83	147.50	TransMin	0.169	0.312	0.133	0.061	0.086	0.281	0.061	0.191	0.254	0.111	0.248	0.145
G	26	-42.83	147.50	TransT5	0.727	0.707	0.708	0.699	0.681	0.669	0.732	0.692	0.720	0.732	0.713	0.718
G	26	-42.83	147.50	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	26	-42.83	147.50	Transl5	******	******	0.718	******	******	******	0.648	******	******	******	******	******
G	26	-42.83	147.50	Transl10	******	0.559	0.718	******	******	0.607	0.646	******	******	******	******	******
G	34	-43.48	172.55	SrfDwn	253	224	164	134	78	56	67	83	139	183	240	270
G	34	-43.48	172.55	TopDwn	497	430	335	235	160	126	139	198	287	387	472	514
G	34	-43.48	172.55	CosZAvg	0.352	0.307	0.243	0.173	0.120	0.095	0.106	0.146	0.213	0.282	0.338	0.364
G	34	-43.48	172.55	TransMax	0.759	0.719	0.760	0.694	0.648	0.658	0.686	0.711	0.690	0.716	0.732	0.724
G	34	-43.48	172.55	TransMin	0.137	0.191	0.146	0.329	0.178	0.141	0.072	0.091	0.146	0.109	0.124	0.207
G	34	-43.48	172.55	TransT5	0.747	0.704	0.760	0.672	0.631	0.638	0.657	0.698	0.686	0.697	0.724	0.706
G	34	-43.48	172.55	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	34	-43.48	172.55	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
G	34	-43.48	172.55	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
G	35	-43.98	170.47	SrfDwn	275	228	173	138	85	63	68	107	169	197	286	338
G	35	-43.98	170.47	TopDwn	496	429	332	232	156	123	136	194	284	386	471	514
G	35	-43.98	170.47	CosZAvg	0.352	0.306	0.241	0.171	0.117	0.093	0.103	0.146	0.211	0.280	0.337	0.364
G	35	-43.98	170.47	TransMax	0.780	0.748	0.745	0.740	0.744	0.905	0.699	0.782	0.747	0.773	0.785	0.805
G	35	-43.98	170.47	TransMin	0.170	0.137	0.122	0.306	0.138	0.164	0.072	0.104	0.209	0.194	0.256	0.322
G	35	-43.98	170.47	TransT5	0.758	0.734	0.723	0.715	0.733	0.905	0.687	0.744	0.736	0.761	0.769	0.782
G	35	-43.98	170.47	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	35	-43.98	170.47	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
G	35	-43.98	170.47	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
G	36	-46.42	168.33	SrfDwn	228	169	147	95	56	42	51	86	146	******	232	252
G	36	-46.42	168.33	TopDwn	494	422	320	216	140	107	120	179	271	******	467	513
G	36	-46.42	168.33	CosZAvg	0.350	0.301	0.232	0.159	0.105	0.081	0.091	0.134	0.200	******	0.334	0.364
G	36	-46.42	168.33	TransMax	0.706	0.761	0.706	0.721	0.685	0.695	0.701	0.723	0.753	******	0.738	0.684
G	36	-46.42	168.33	TransMin	0.183	0.096	0.178	0.137	0.109	0.022	0.139	0.125	0.303	******	0.154	0.226
G	36	-46.42	168.33	TransT5	0.690	0.747	0.700	0.703	0.674	0.691	0.686	0.705	0.753	******	0.726	0.675
G	36	-46.42	168.33	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	36	-46.42	168.33	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
G	36	-46.42	168.33	Transl10	******	******	******	******	******	******	******	******	******	******	******	0.572
G	27	-54.48	158.97	SrfDwn	******	******	******	******	******	******	22	38	90	118	194	******
G	27	-54.48	158.97	TopDwn	******	******	******	******	******	******	68	125	222	341	450	******
G	27	-54.48	158.97	CosZAvg	******	******	******	******	******	******	0.051	0.094	0.184	0.248	0.322	******
G	27	-54.48	158.97	TransMax	******	******	******	******	******	******	0.538	0.607	0.699	0.729	0.742	******
G	27	-54.48	158.97	TransMin	******	******	******	******	******	******	0.075	0.054	0.144	0.116	0.121	******
G	27	-54.48	158.97	TransT5	******	******	******	******	******	******	0.527	0.607	0.699	0.729	0.730	******
G	27	-54.48	158.97	Transl0	******	******	******	******	******	******	******	******	******	******	******	******
G	27	-54.48	158.97	Transl5	******	******	******	******	******	******	******	******	******	******	******	******
G	27	-54.48	158.97	Transl10	******	******	******	******	******	******	******	******	******	******	******	******
I	2	-90.00	0.00	SrfDwn	******	******	******	0	0	0	0	0	4	168	340	454
I	2	-90.00	0.00	TopDwn	******	******	******	0	0	0	0	0	9	209	440	551
I	2	-90.00	0.00	CosZAvg	******	******	******	0.000	0.000	0.000	0.000	0.000	0.006	0.151	0.315	0.391
I	2	-90.00	0.00	TransMax	******	******	******	******	******	******	******	******	******	0.828	0.873	0.871
I	2	-90.00	0.00	TransMin	******	******	******	******	******	******	******	******	******	0.412	0.562	0.668
I	2	-90.00	0.00	TransT5	******	******	******	******	******	******	******	******	******	0.817	0.843	0.854
I	2	-90.00	0.00	Transl0	******	******	******	******	******	******	******	******	******	0.763	0.818	0.839
I	2	-90.00	0.00	Transl5	******	******	******	******	******	******	******	******	******	0.771	0.818	0.828
I	2	-90.00	0.00	Transl10	******	******	******	******	******	******	******	******	******	0.771	0.818	0.824

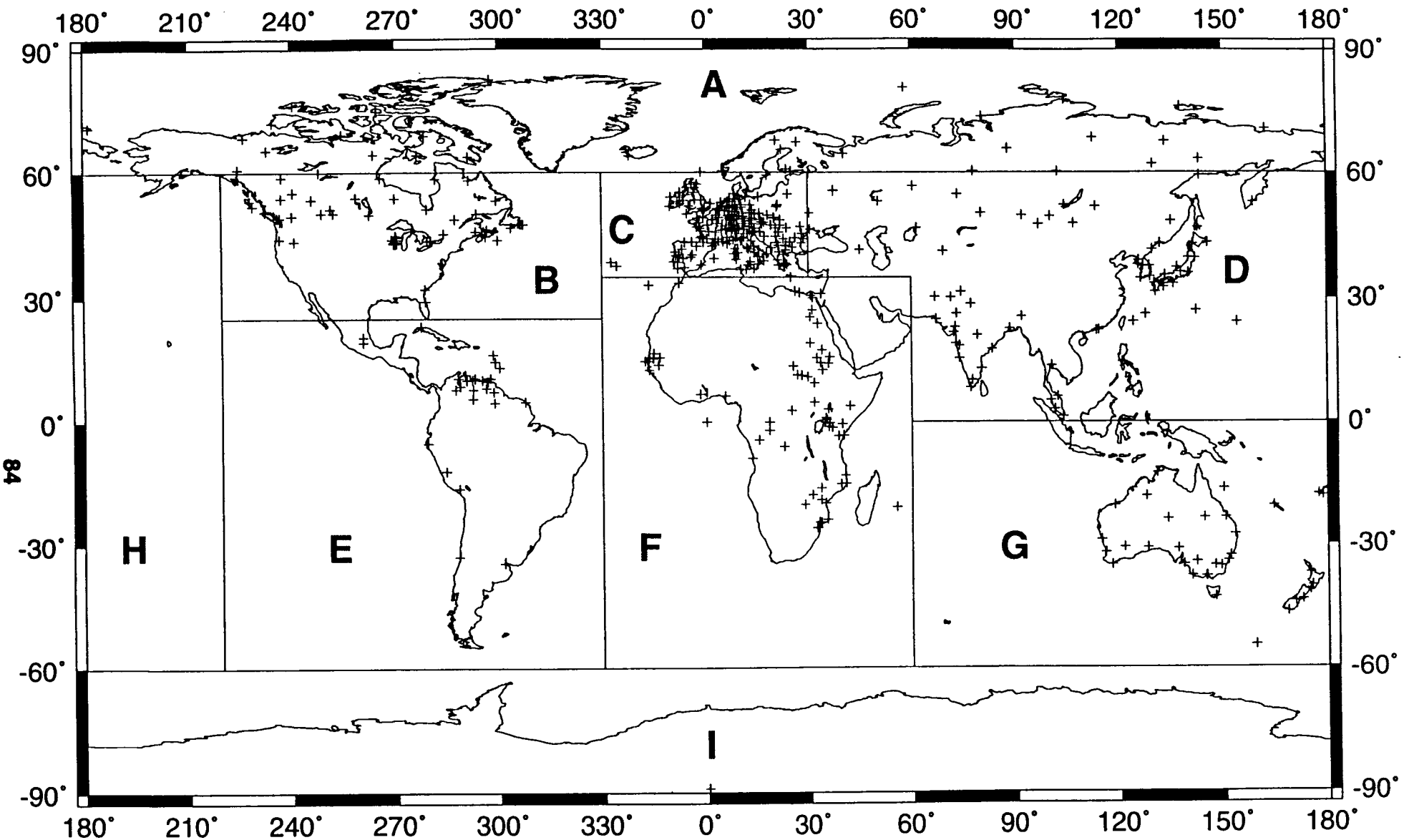


Figure 1. 1986 Ground truth sites.

Appendix A

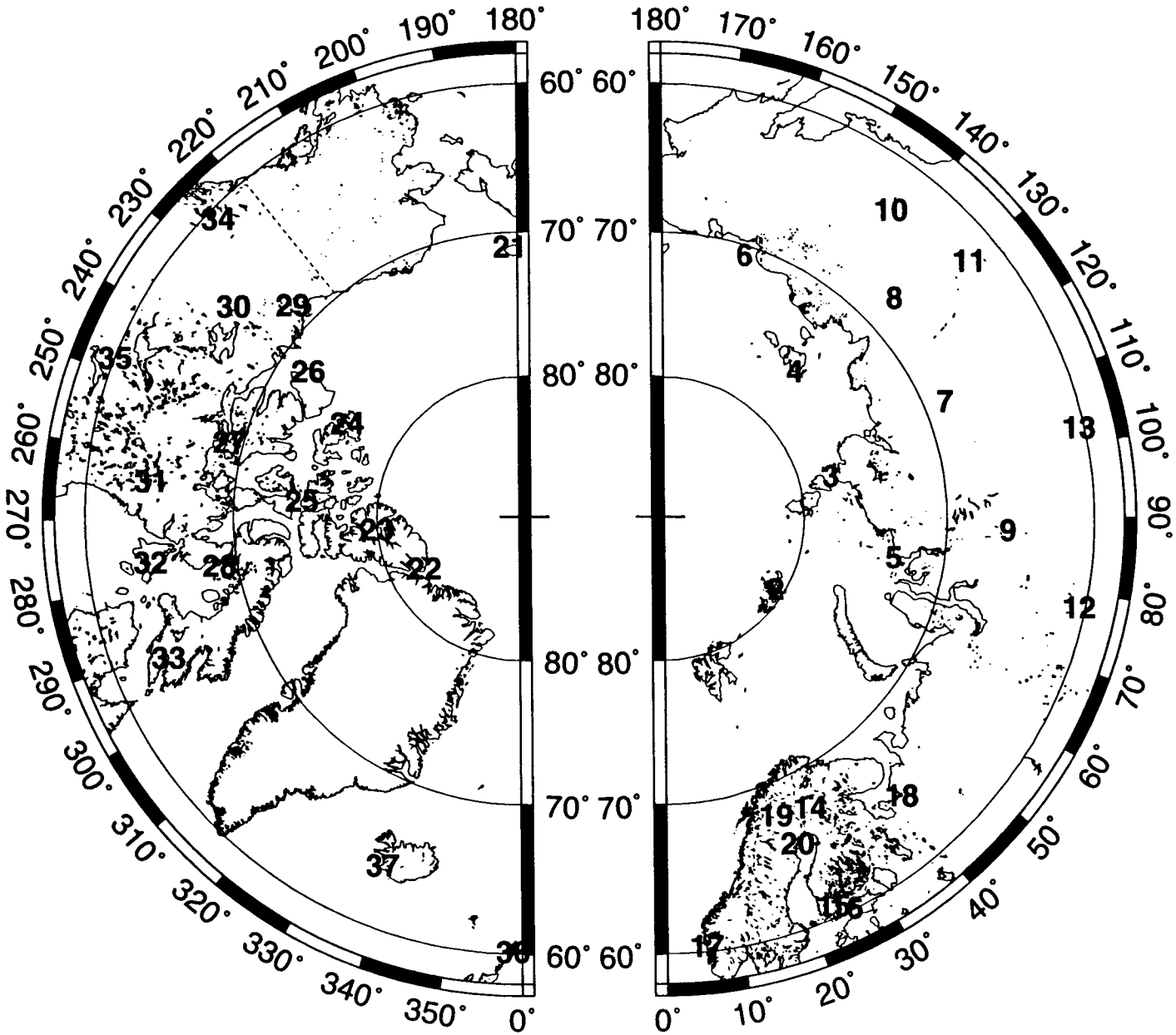
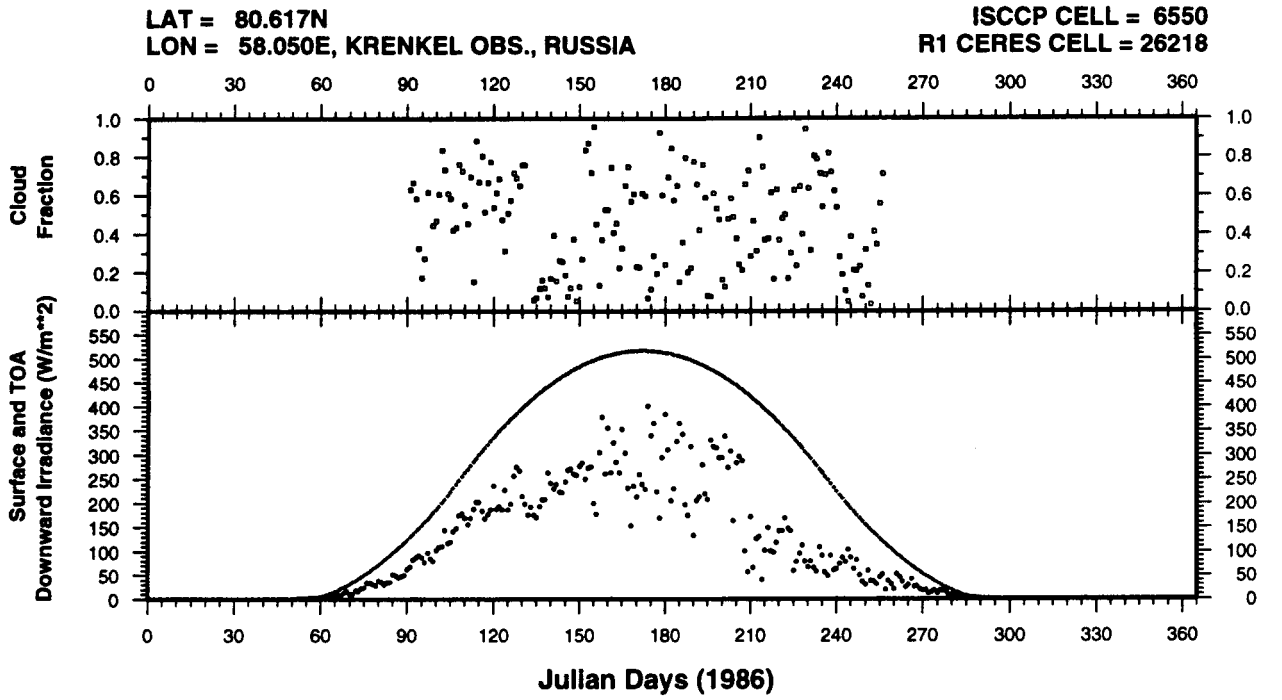
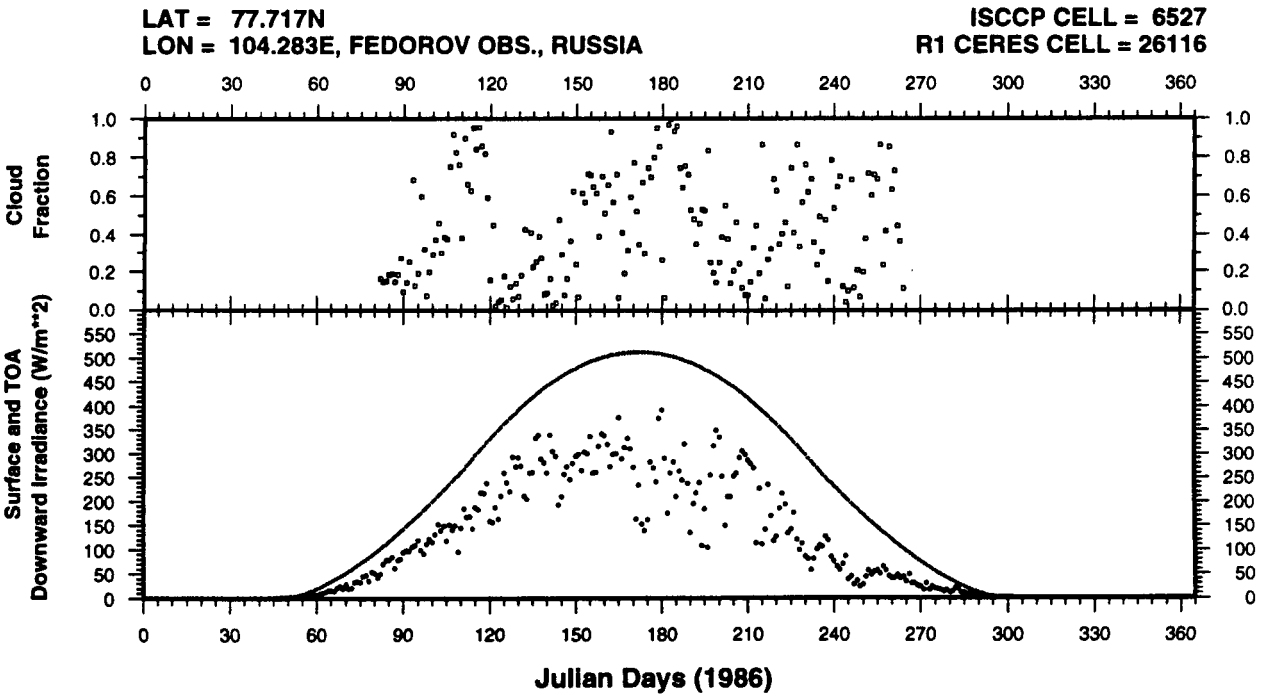


Figure A1. Ground truth sites for region A.



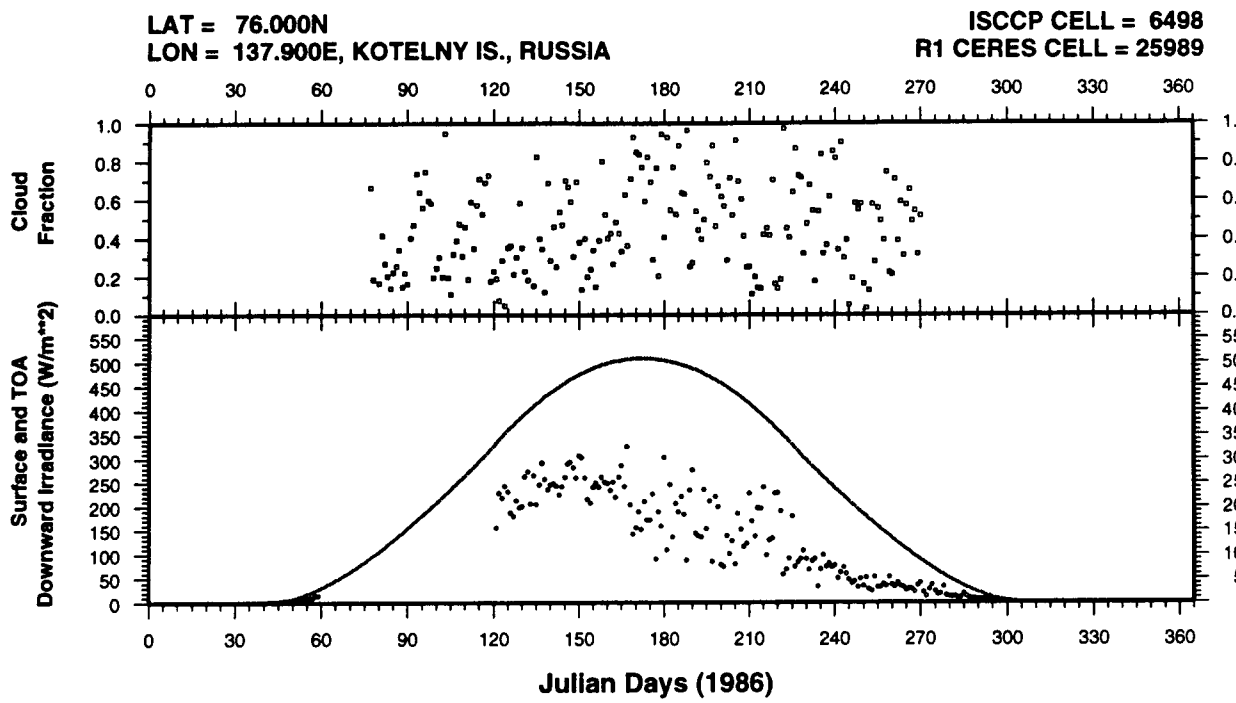
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KRENKEL OBS., RUSSIA.



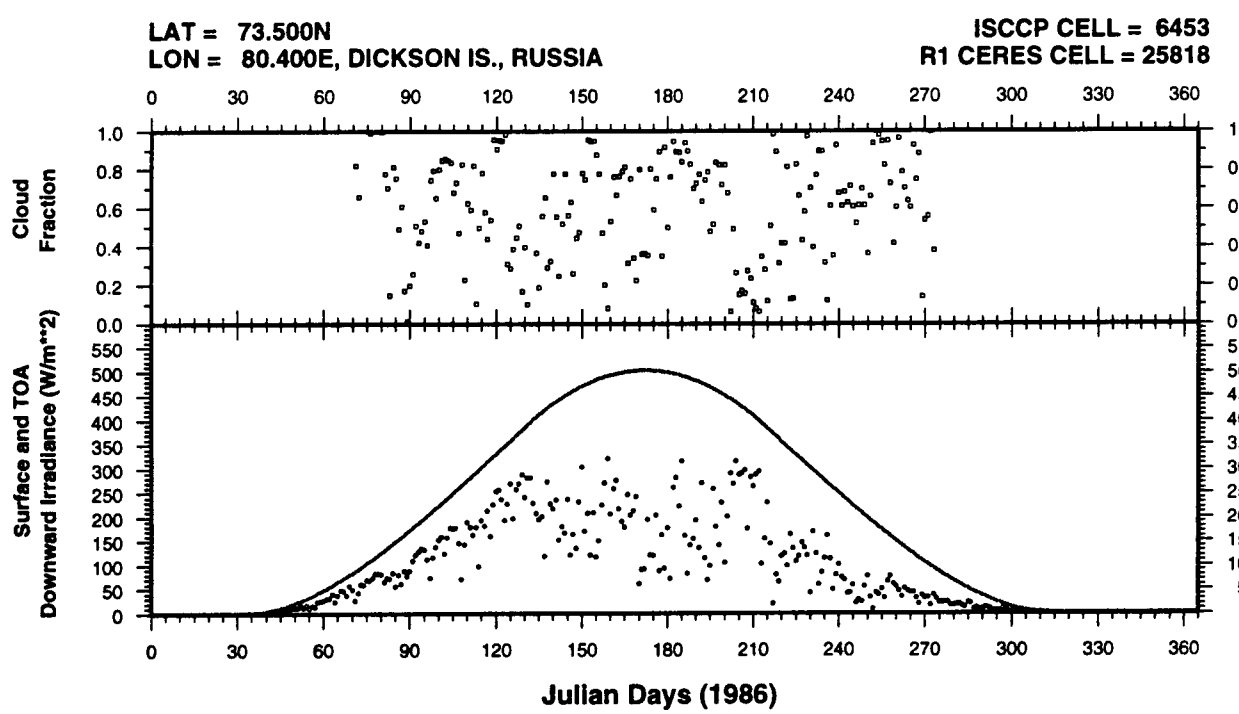
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FEDOROV OBS., RUSSIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KOTELNY IS., RUSSIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DICKSON IS., RUSSIA.

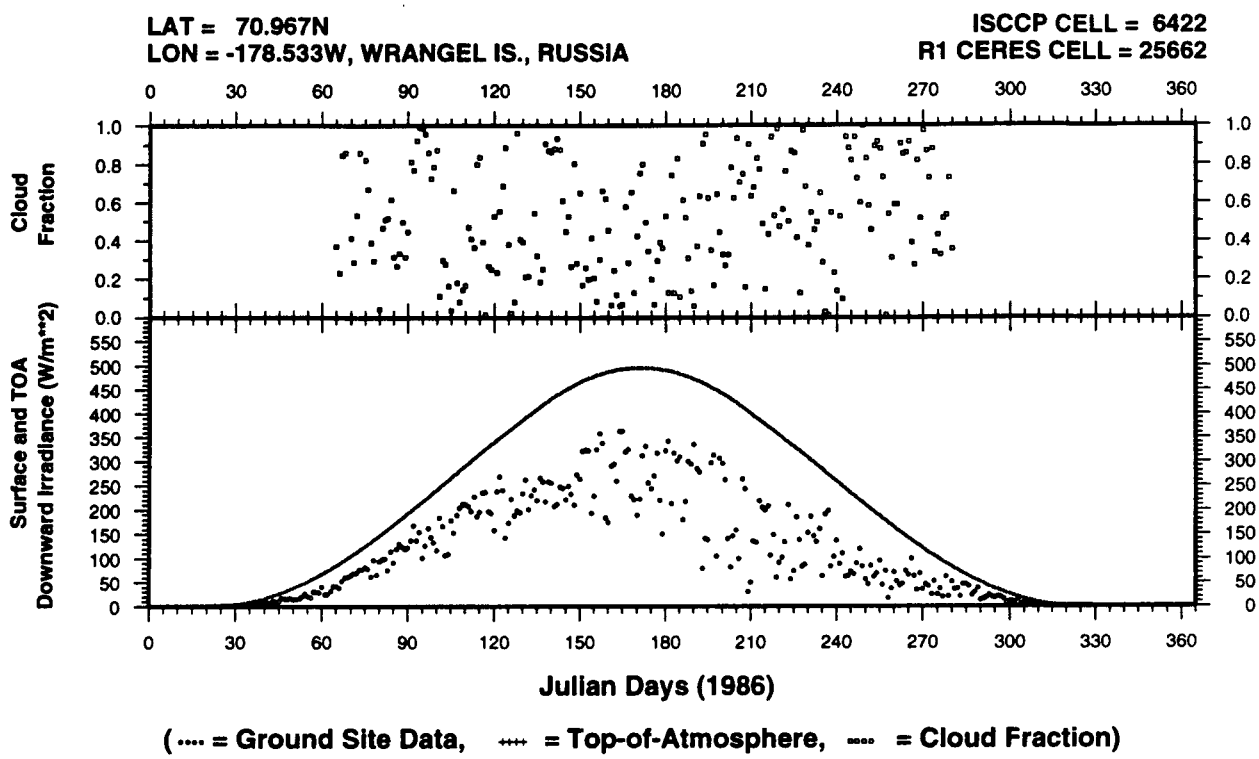


Figure A6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WRANGEL IS., RUSSIA.

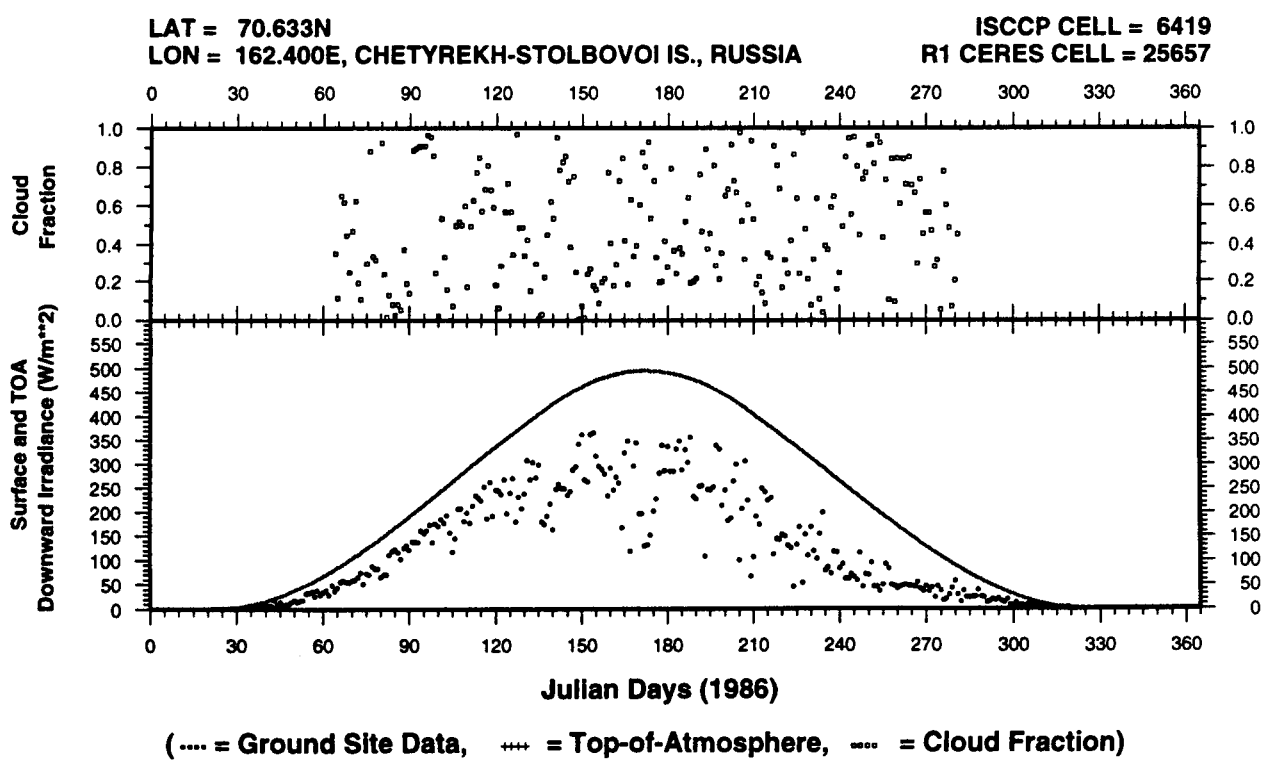
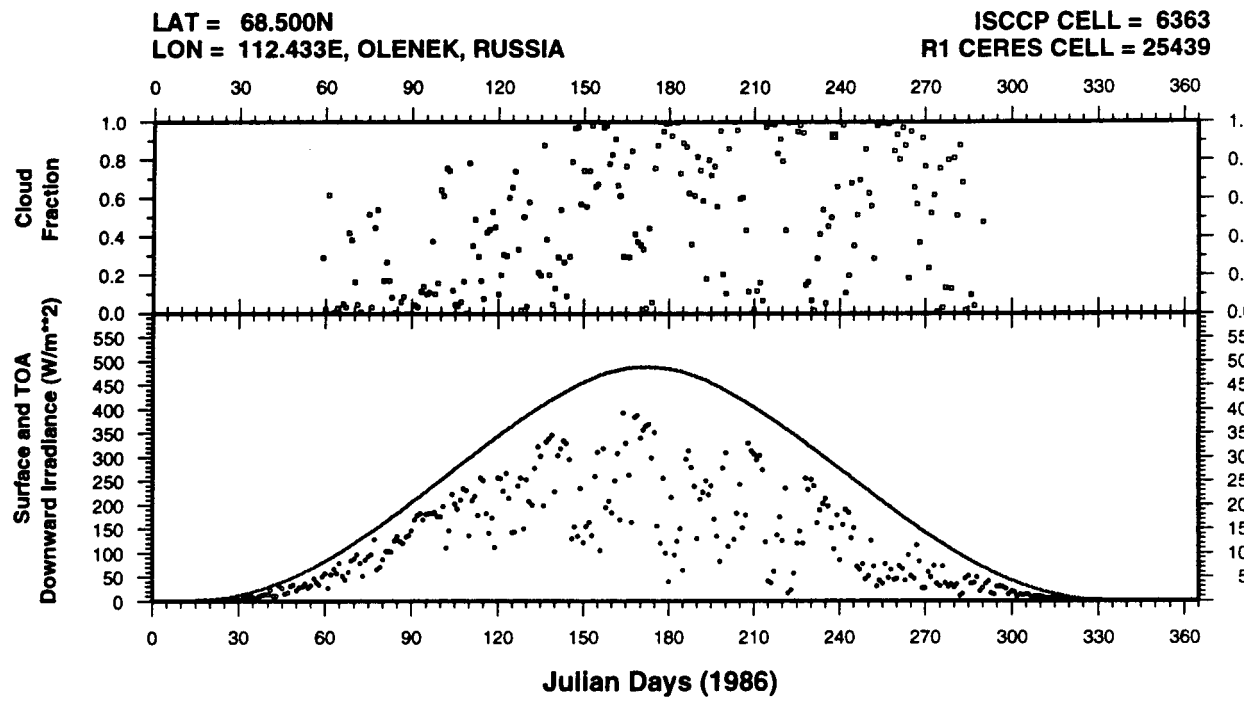
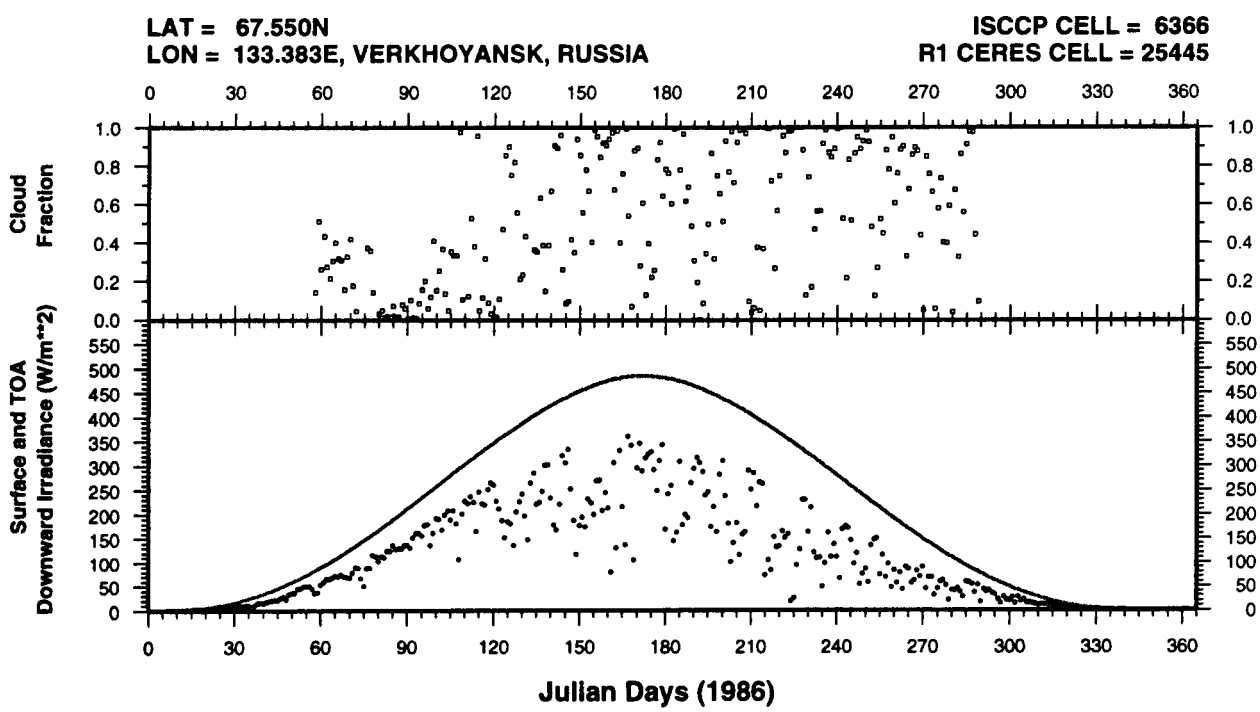


Figure A7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHETYREKH-STOLBOVOI IS., RUSSIA.



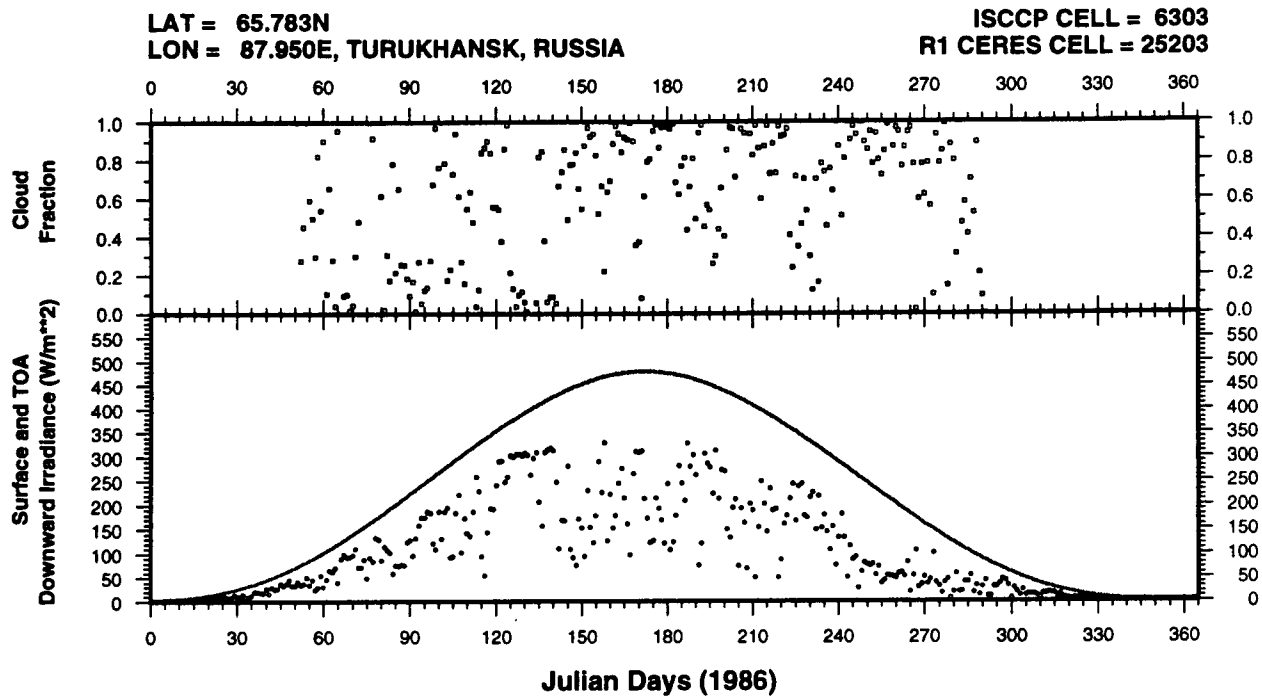
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OLENEK, RUSSIA.



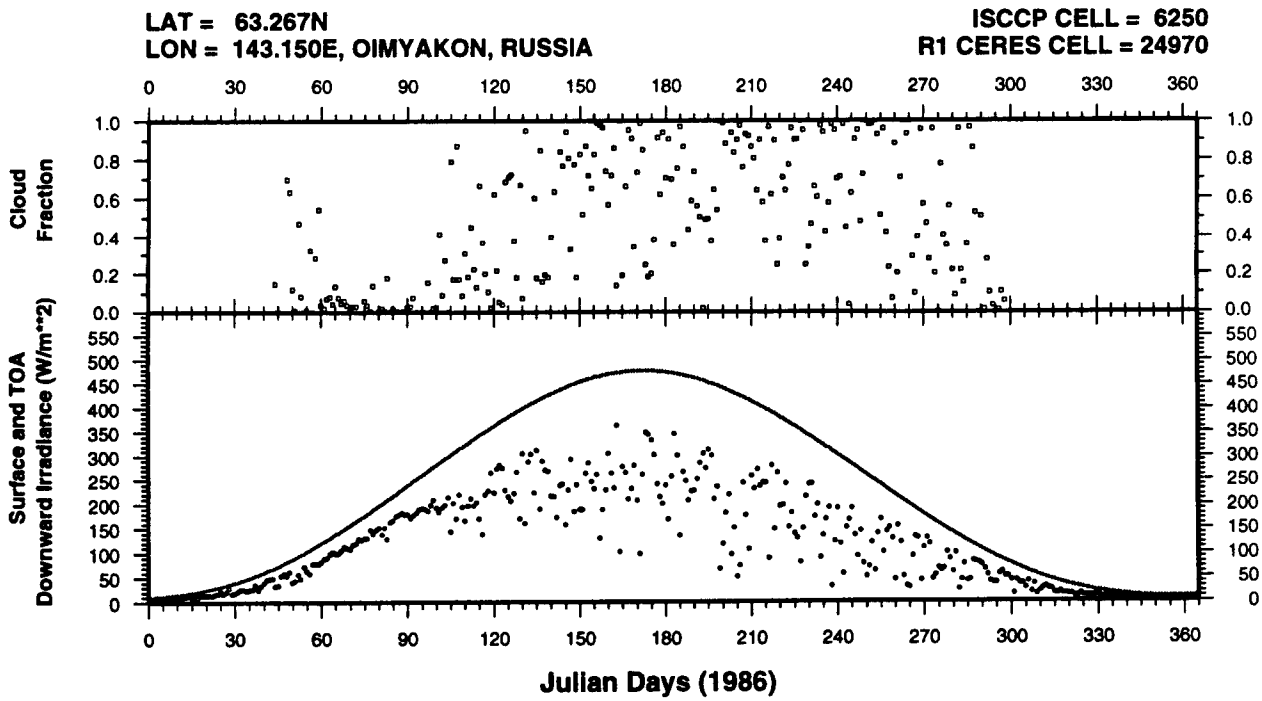
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VERKHOYANSK, RUSSIA.



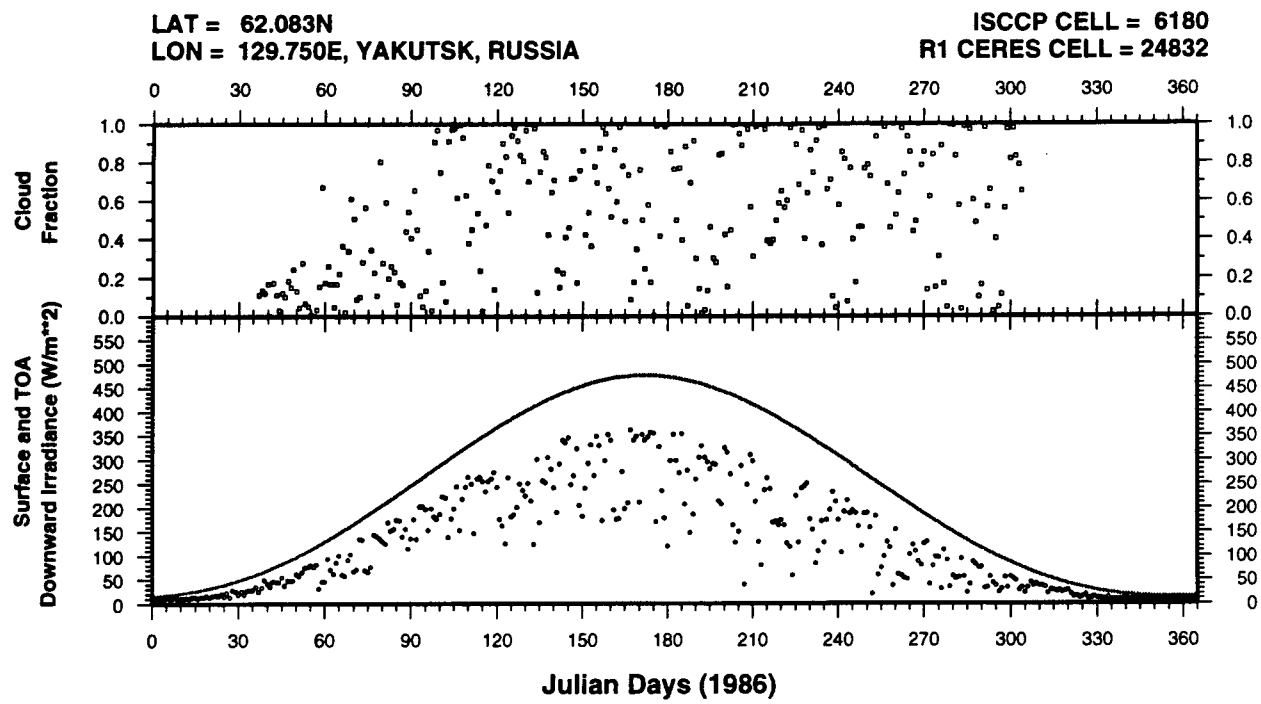
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TURUKHANSK, RUSSIA.



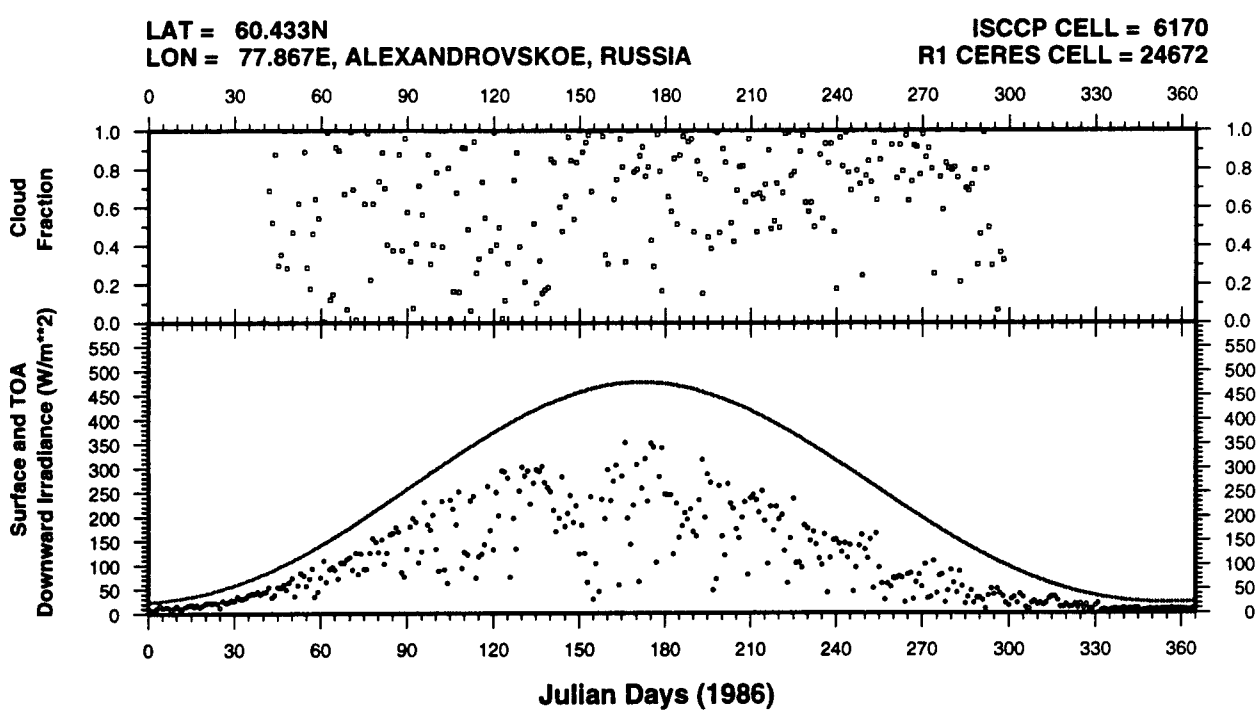
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OIMYAKON, RUSSIA.



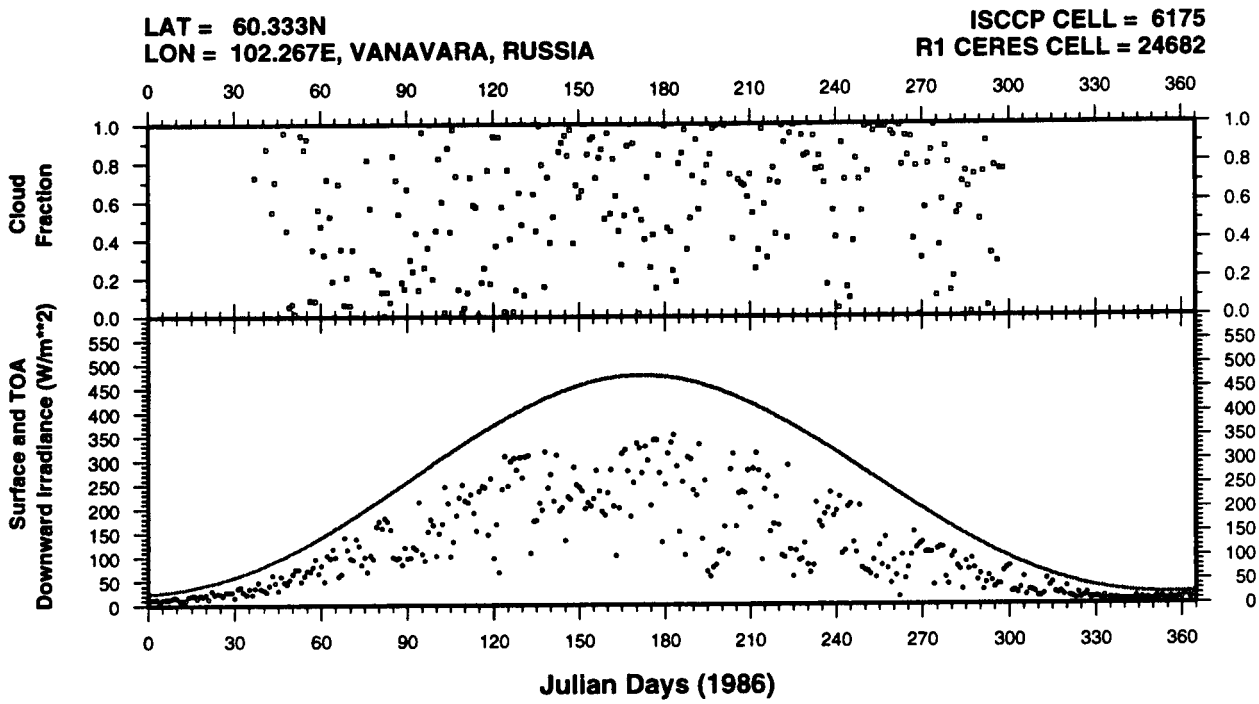
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for YAKUTSK, RUSSIA.



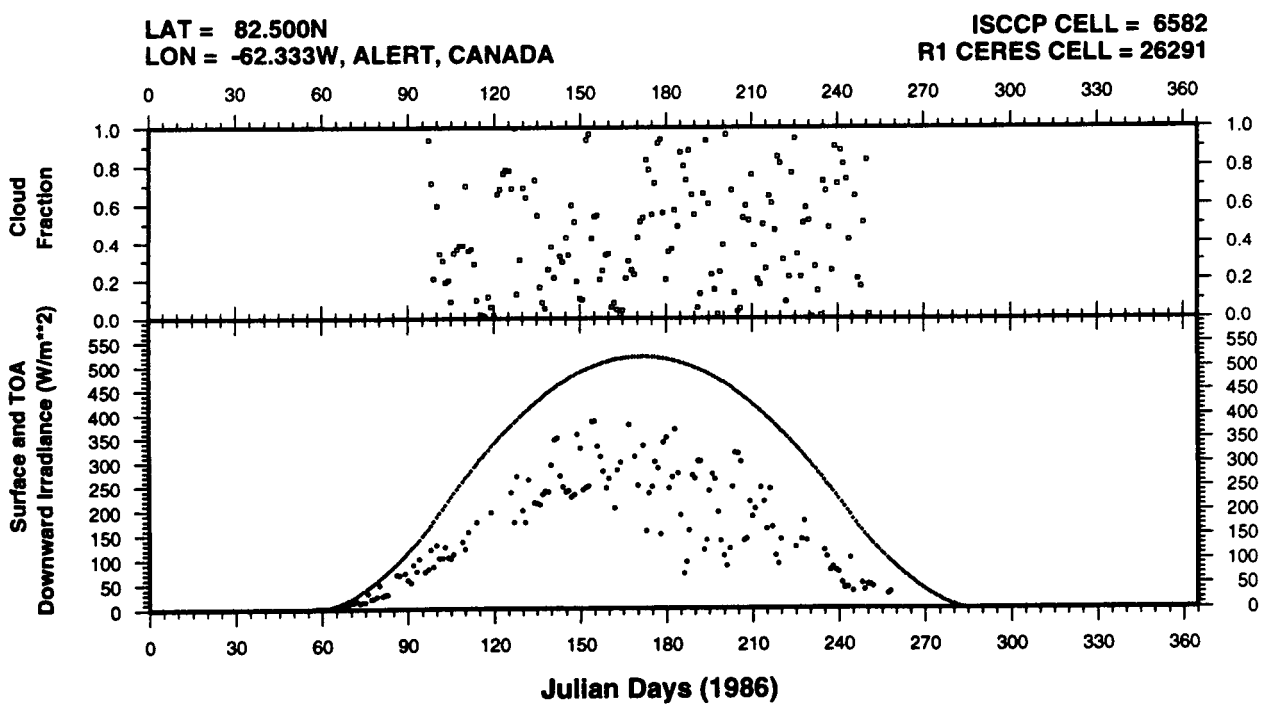
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ALEXANDROVSKOE, RUSSIA.



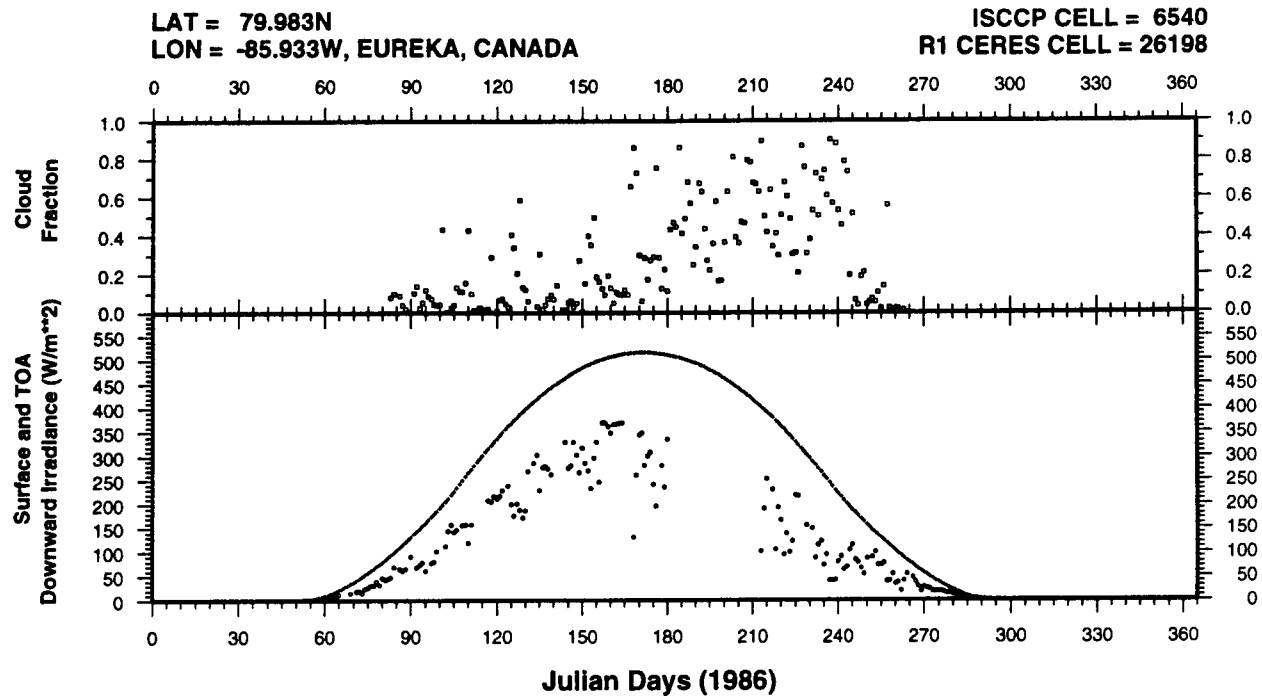
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VANAVARA, RUSSIA.



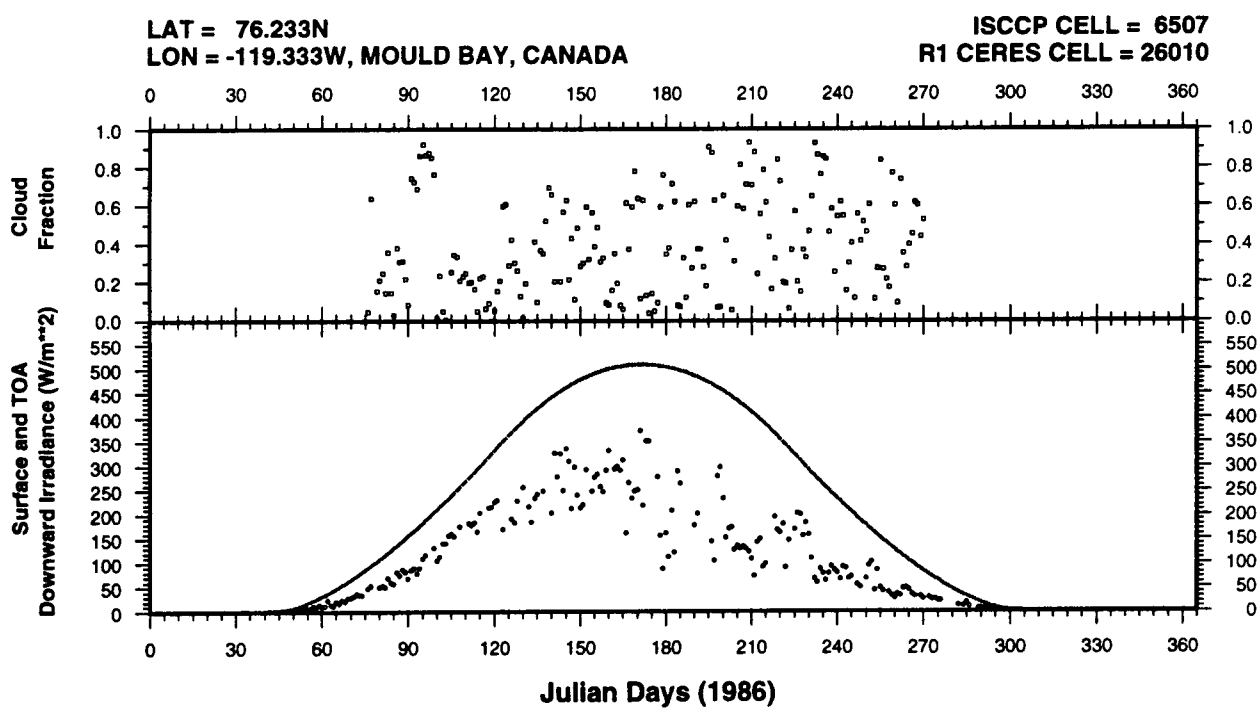
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ALERT, CANADA.



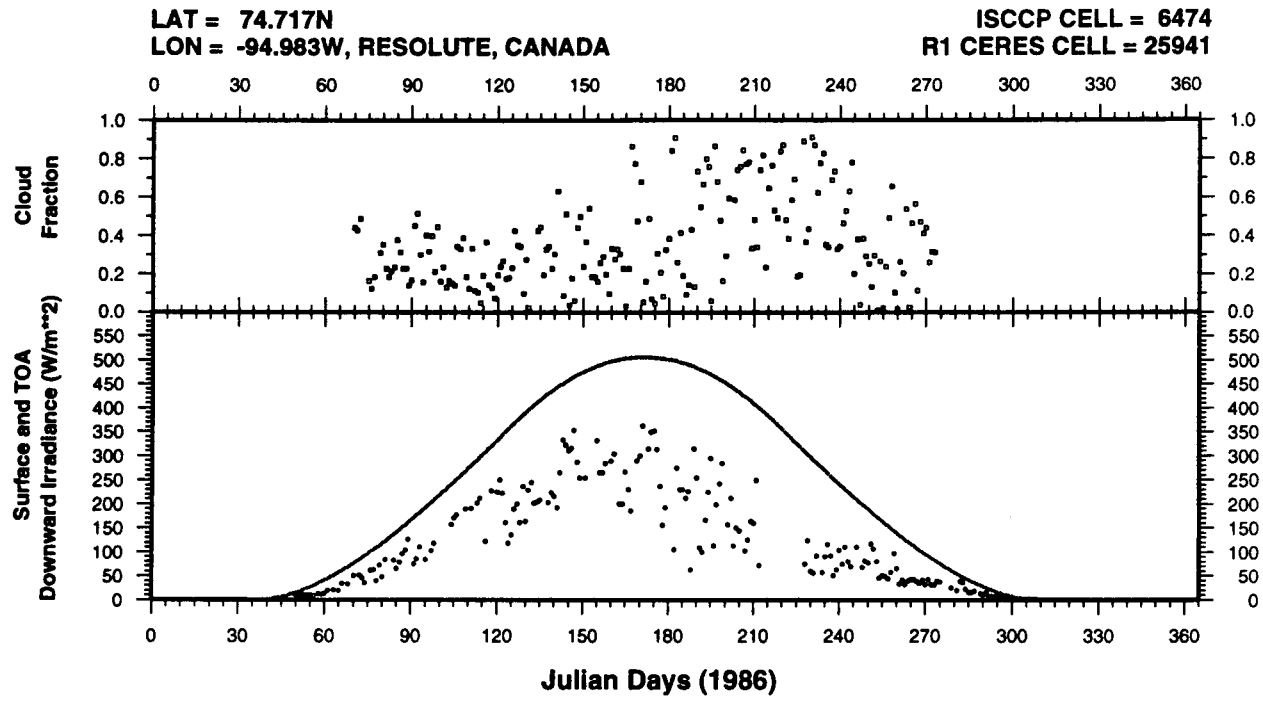
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EUREKA, CANADA.



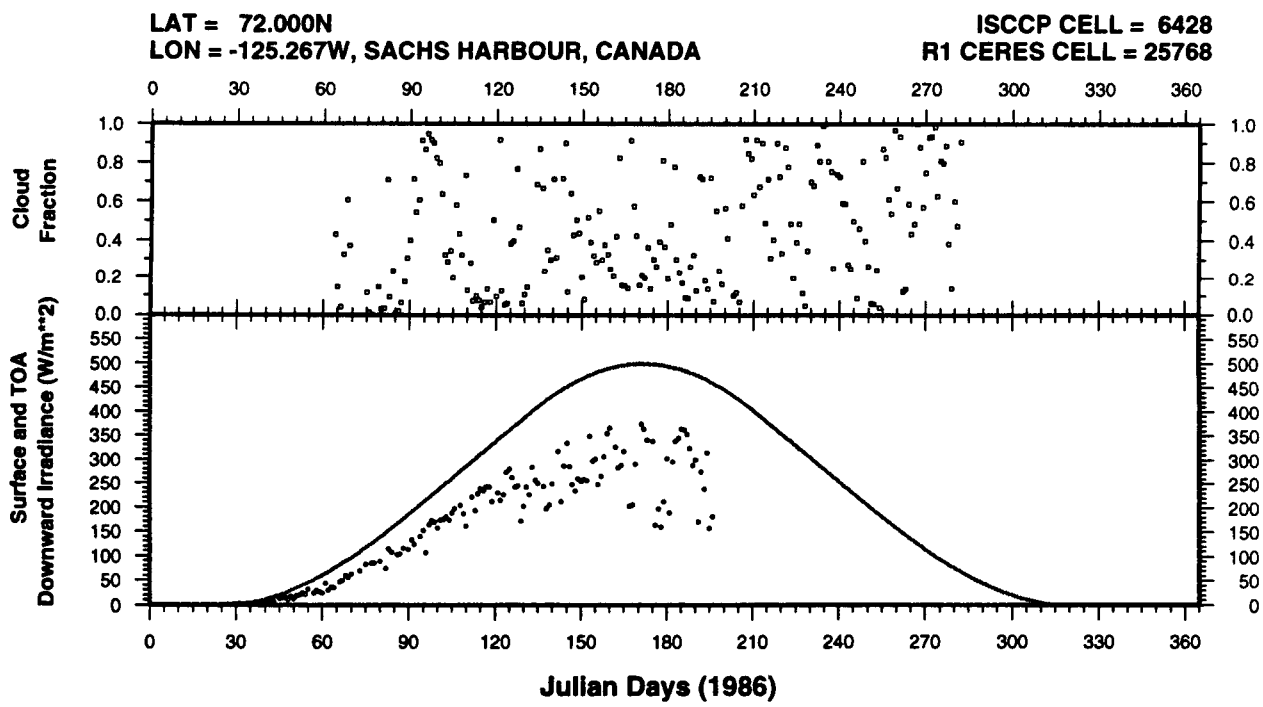
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOULD BAY, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for RESOLUTE, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SACHS HARBOUR, CANADA.

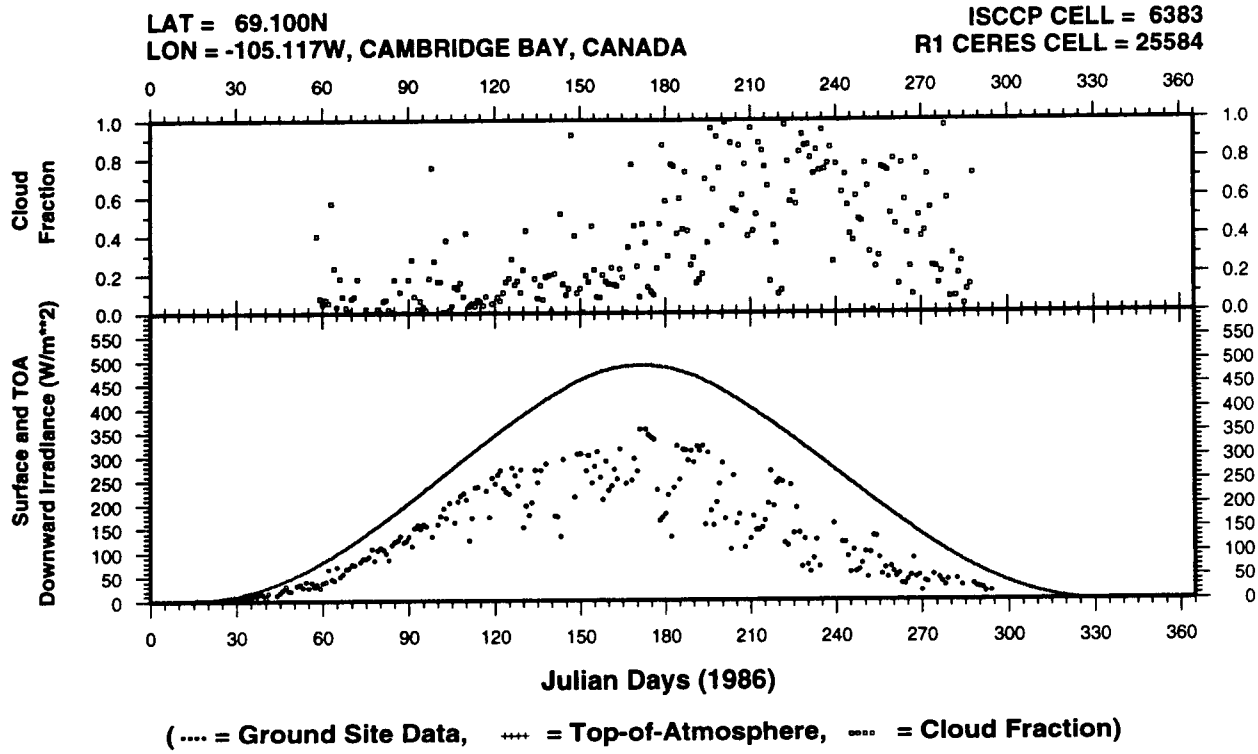


Figure A20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAMBRIDGE BAY, CANADA.

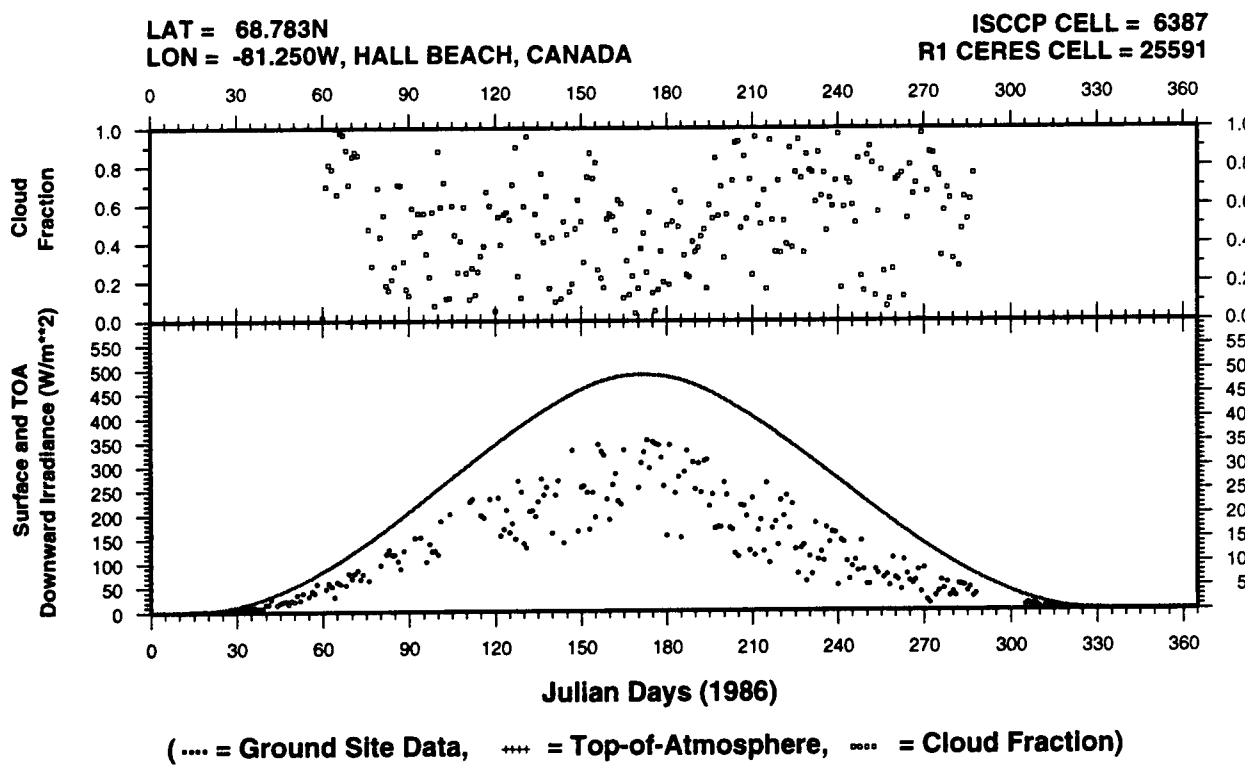


Figure A21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HALL BEACH, CANADA.

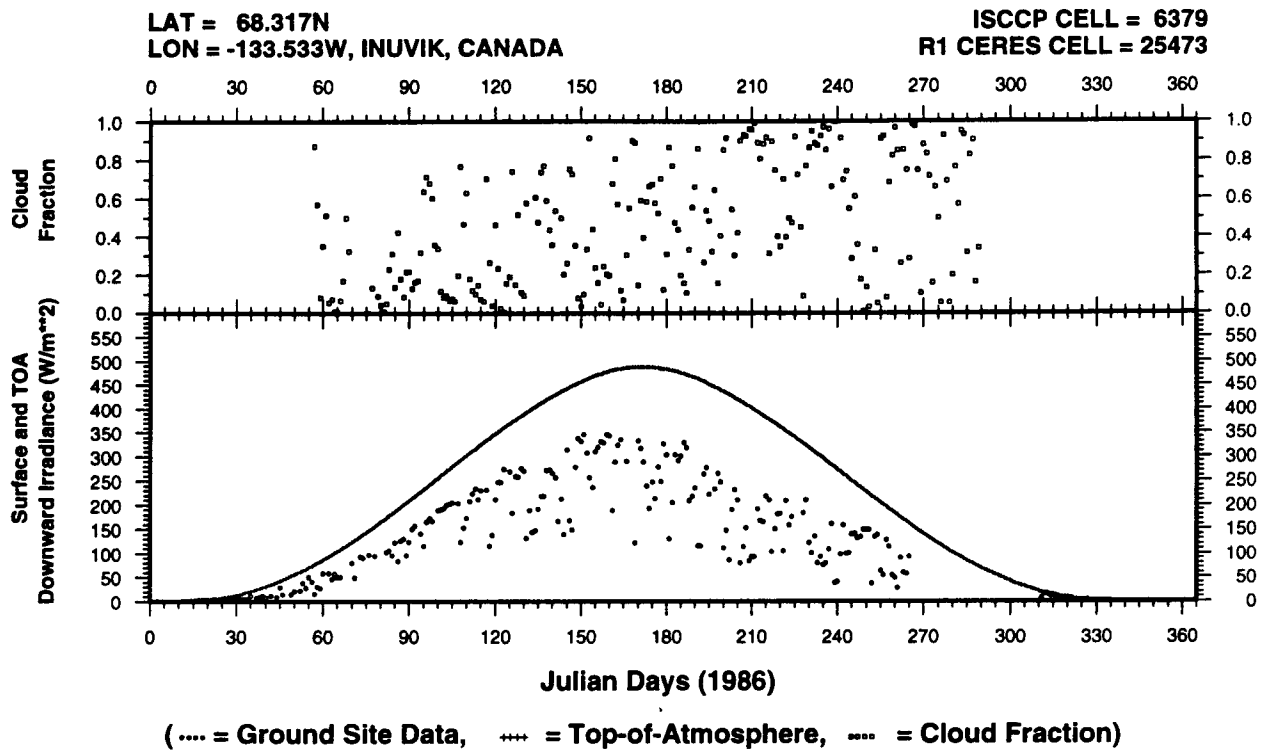


Figure A22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for INUVIK, CANADA.

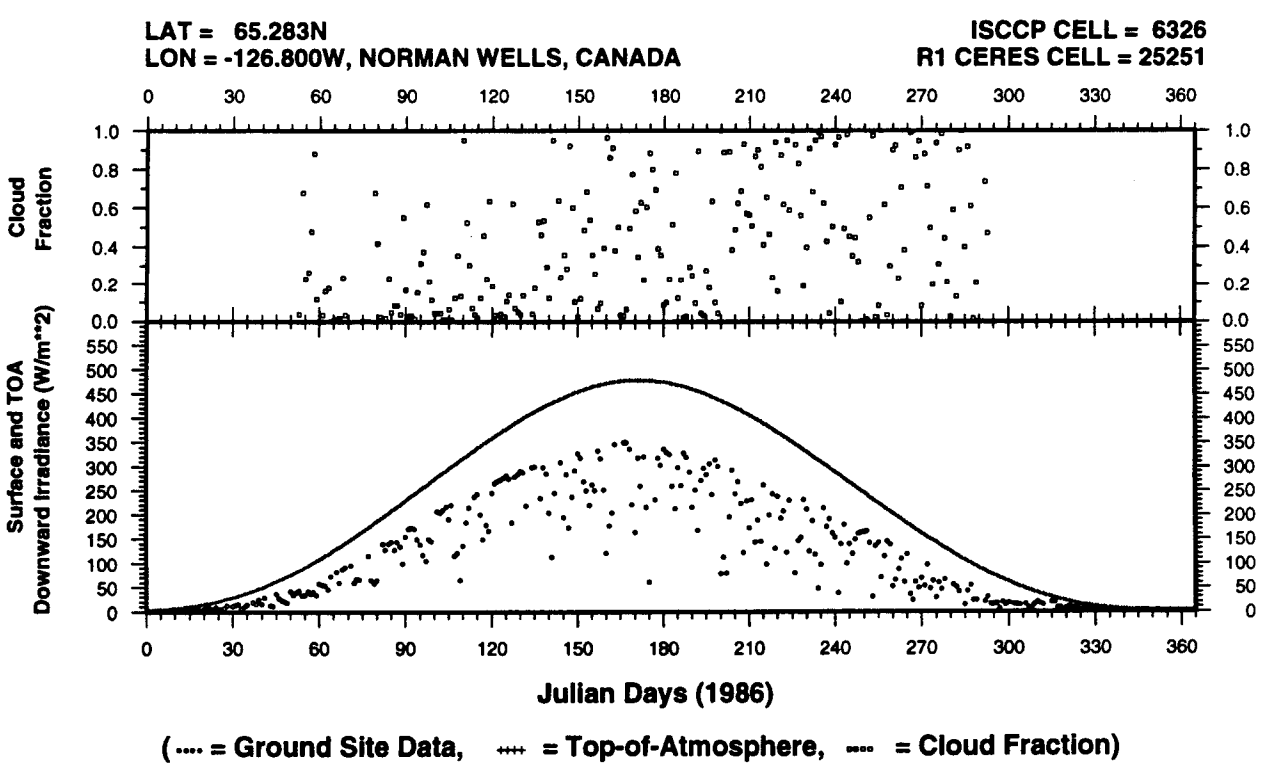


Figure A23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NORMAN WELLS, CANADA.

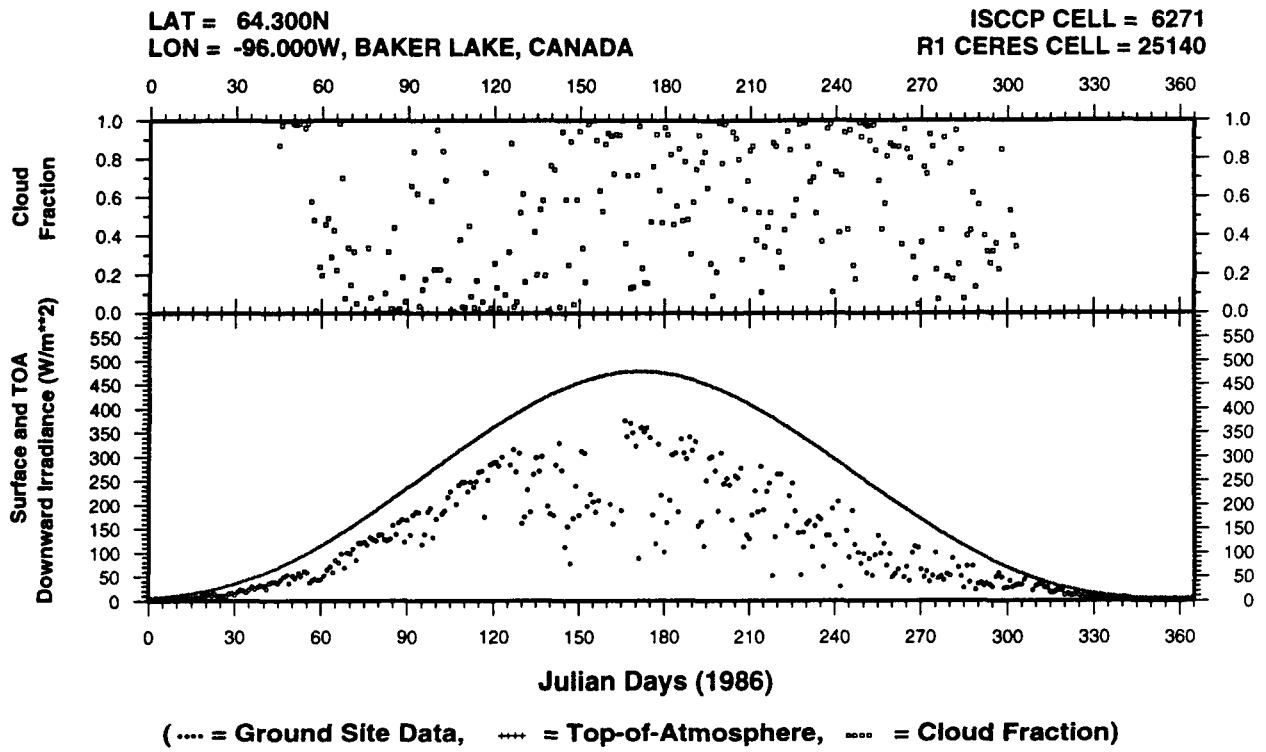


Figure A24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BAKER LAKE, CANADA.

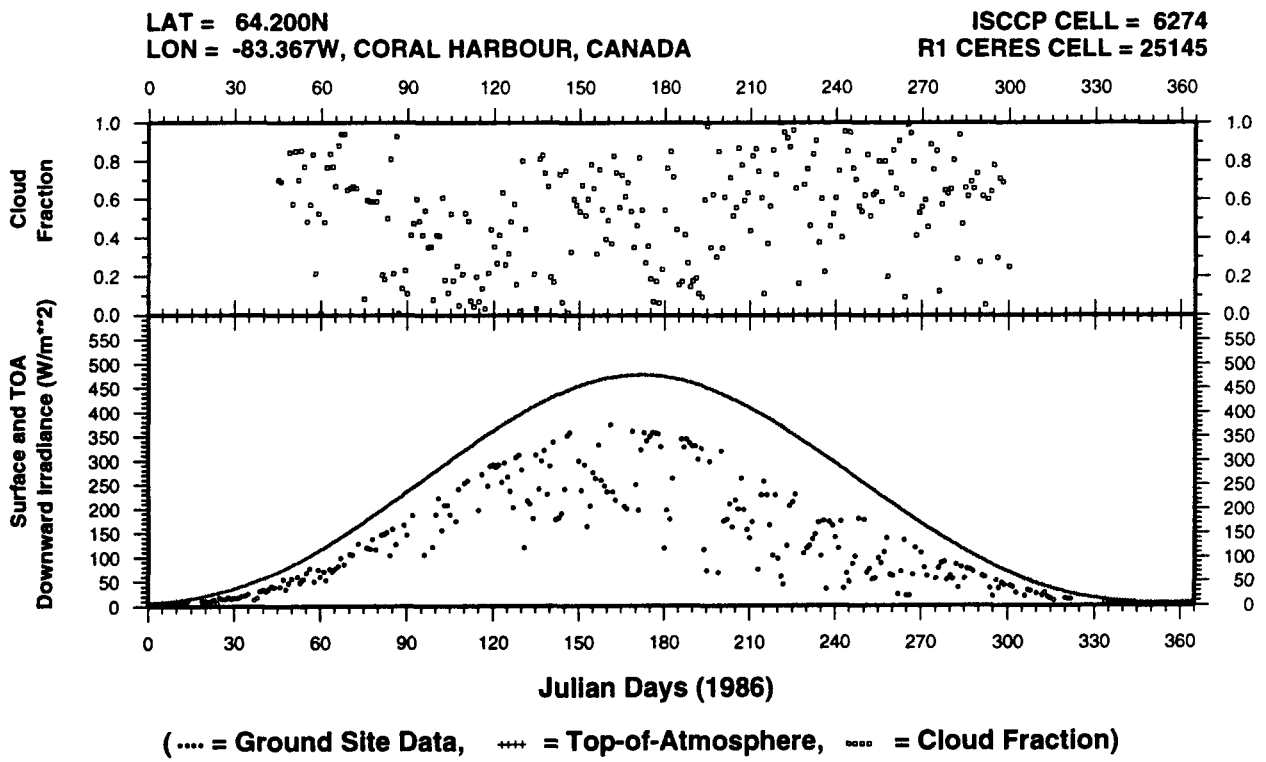
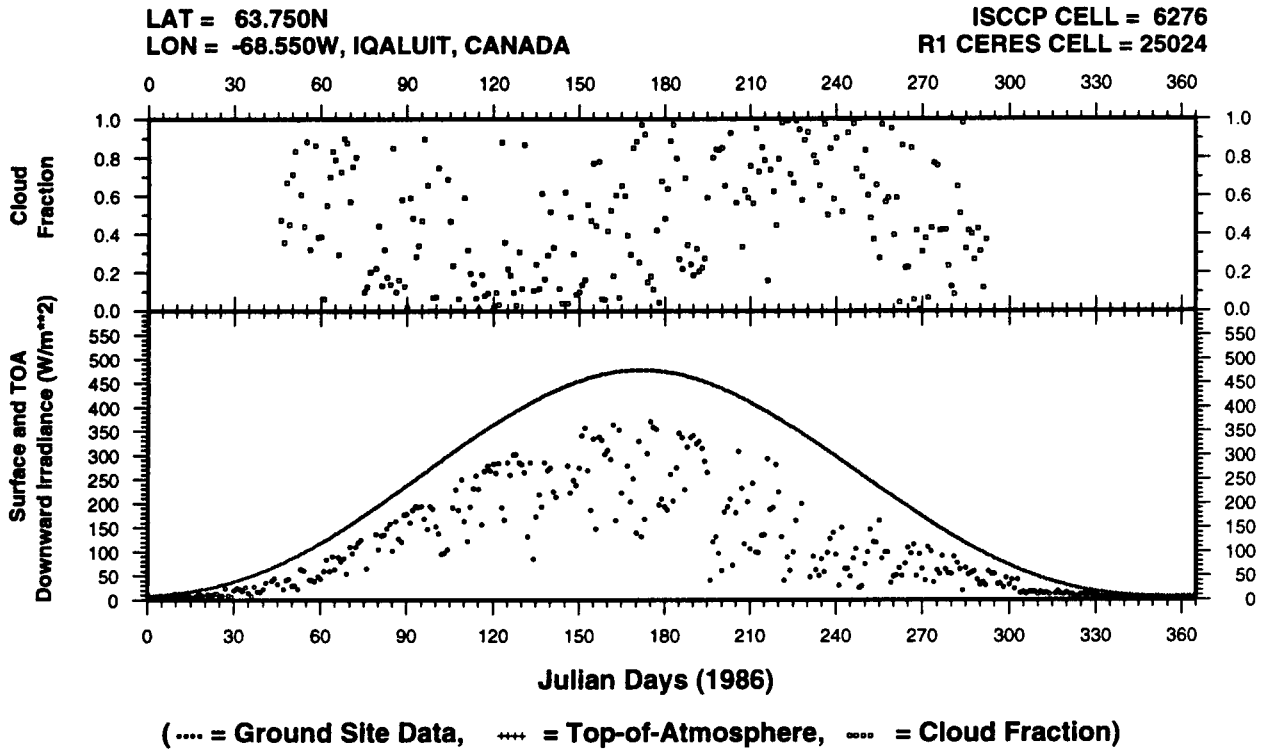
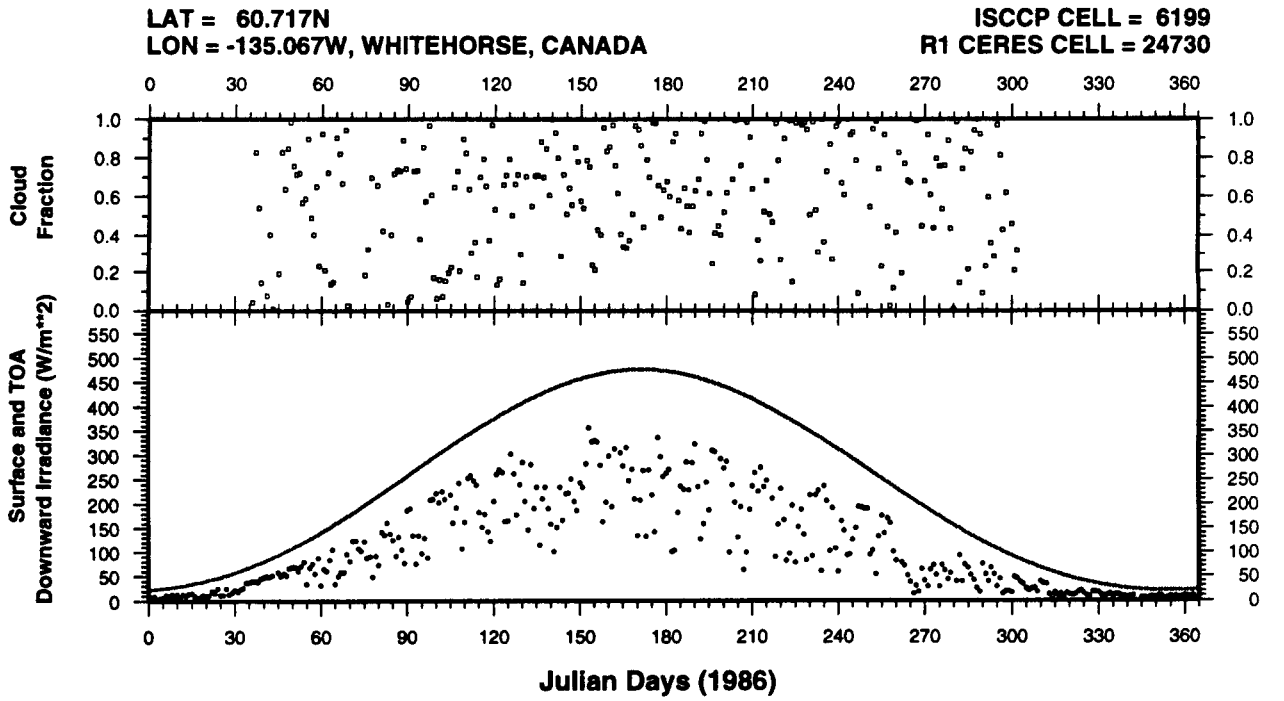


Figure A25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CORAL HARBOUR, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for IQALUIT, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WHITEHORSE, CANADA.

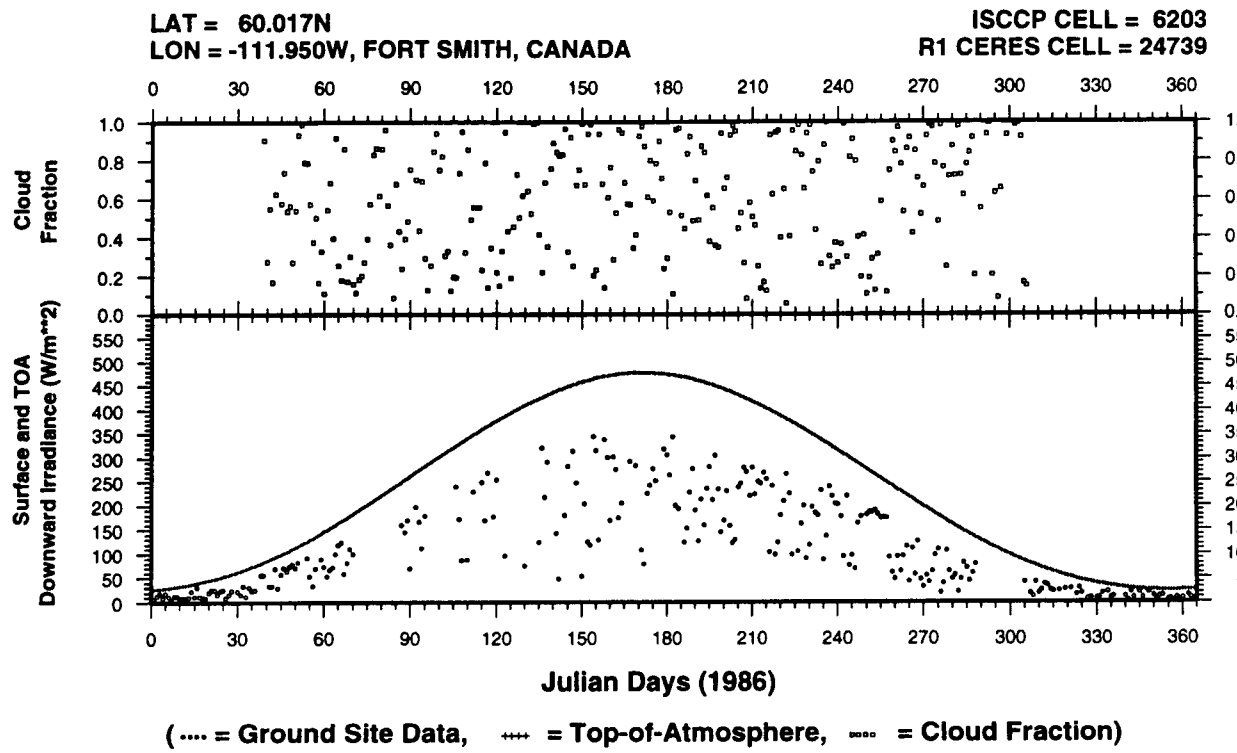


Figure A28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FORT SMITH, CANADA.

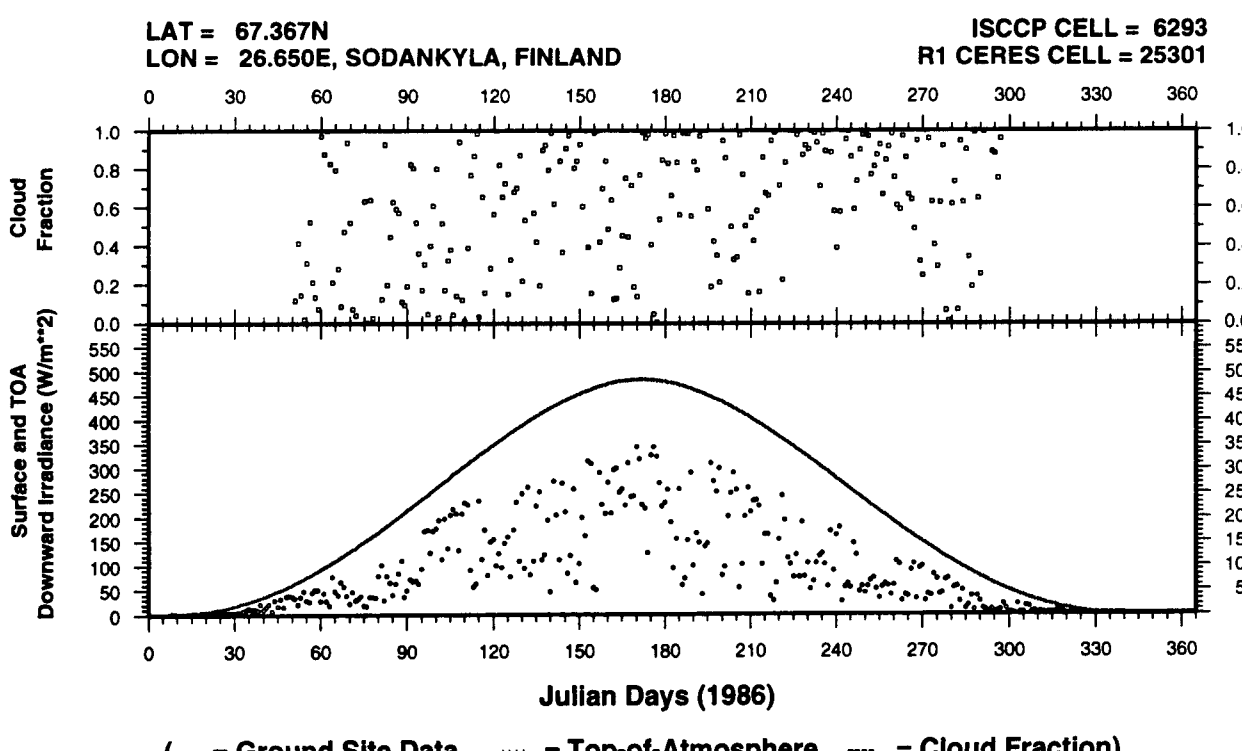


Figure A29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SODANKYLA, FINLAND.

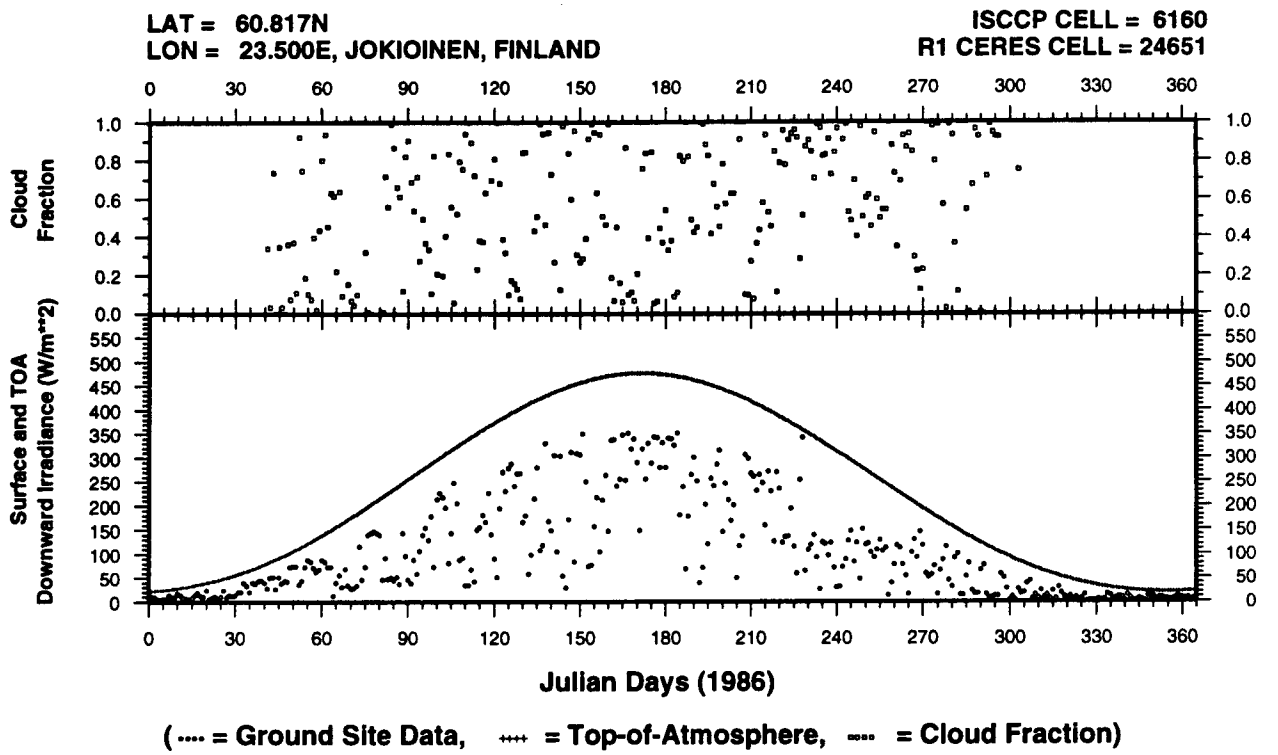


Figure A30. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for JOKIOINEN, FINLAND.

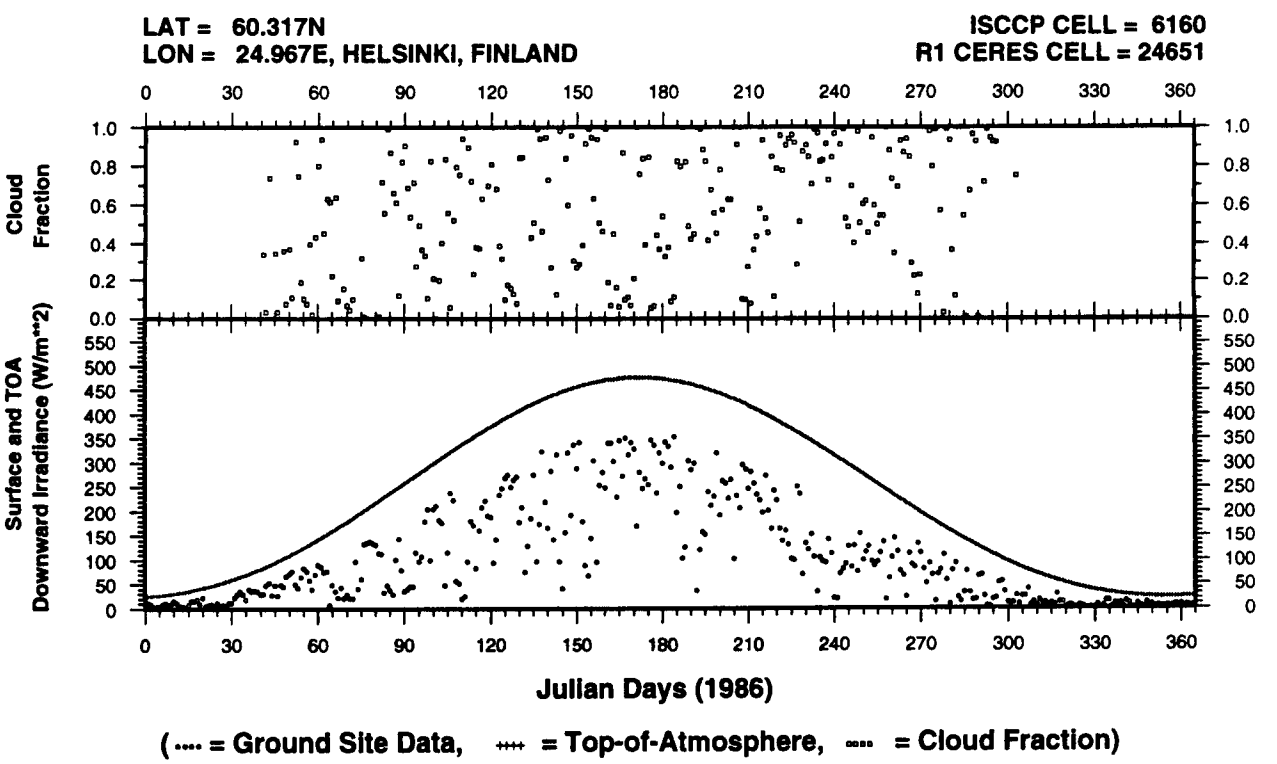
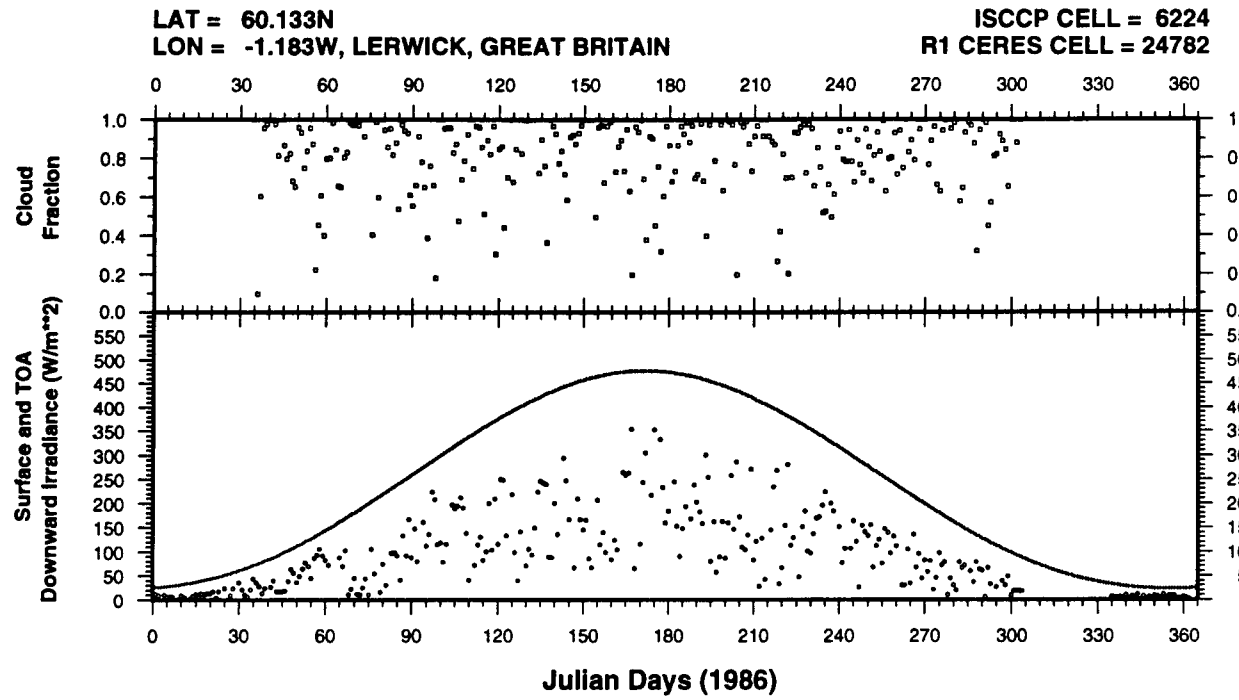
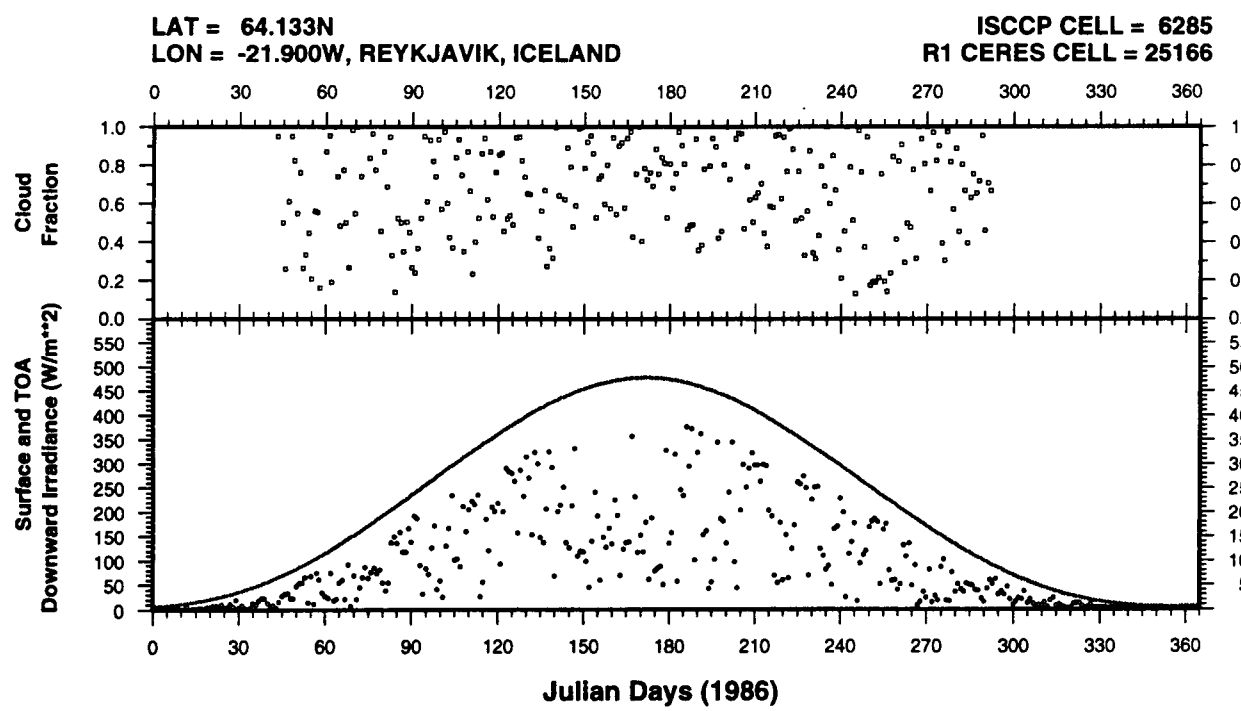


Figure A31. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HELSINKI, FINLAND.



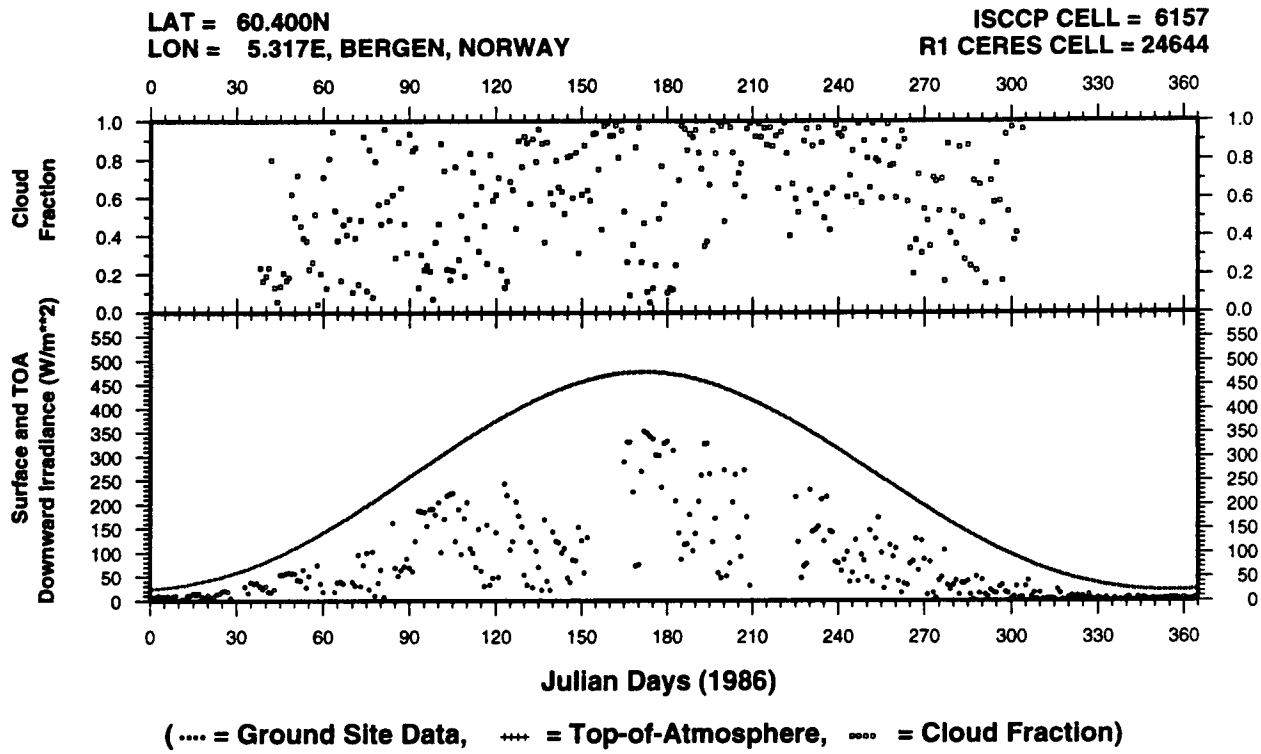
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A32. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LERWICK, GREAT BRITAIN.



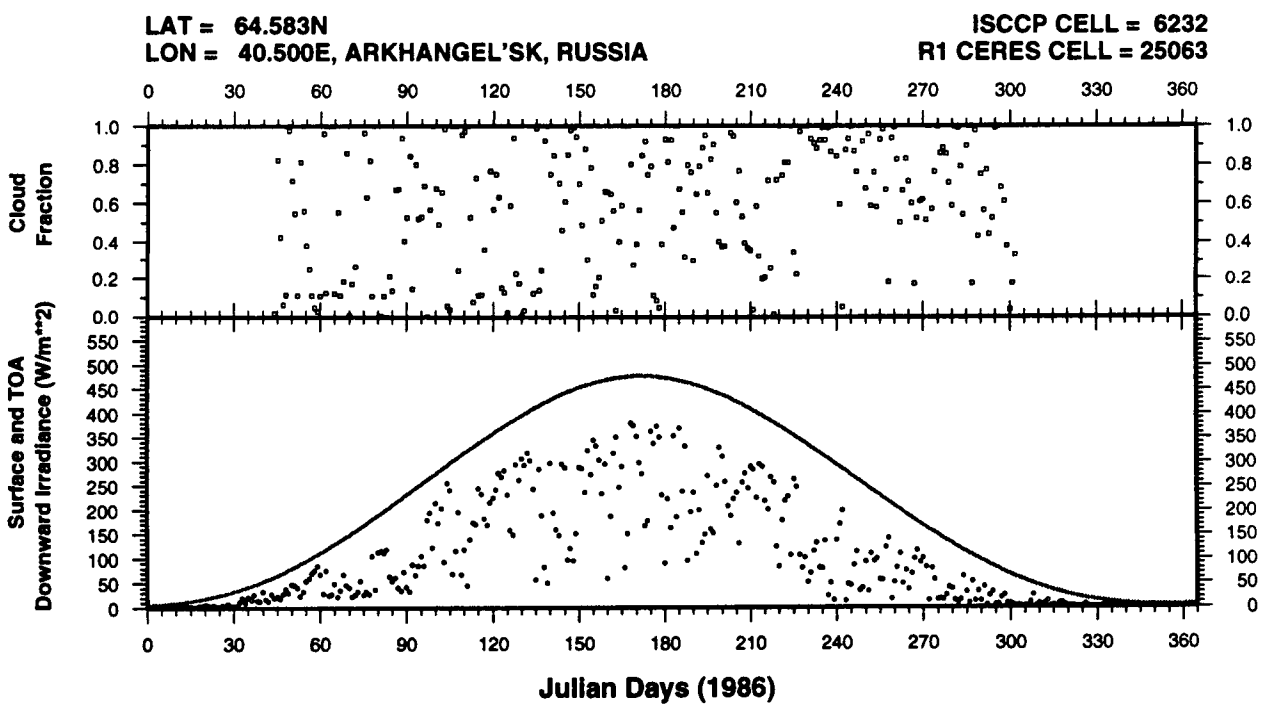
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A33. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for REYKJAVIK, ICELAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A34. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BERGEN, NORWAY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure A35. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ARKHANGEL'SK, RUSSIA.

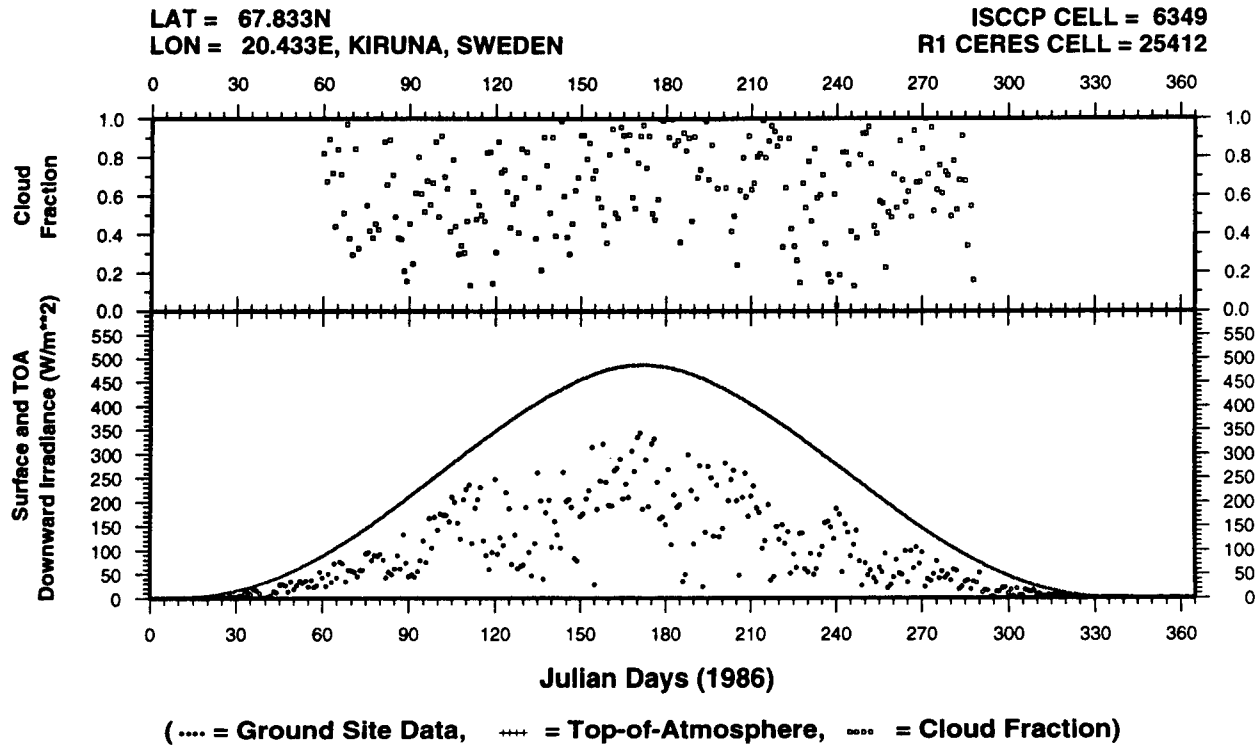


Figure A36. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KIRUNA, SWEDEN.

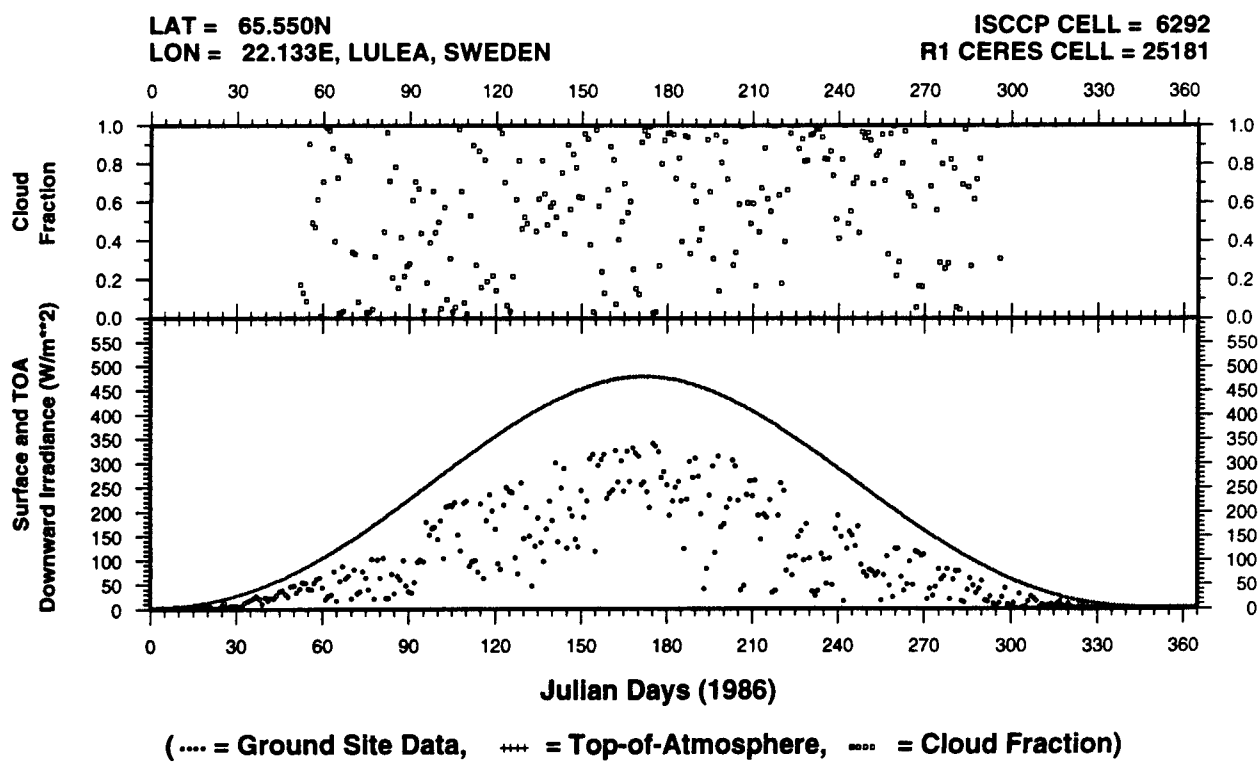


Figure A37. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LULEA, SWEDEN.

Appendix B

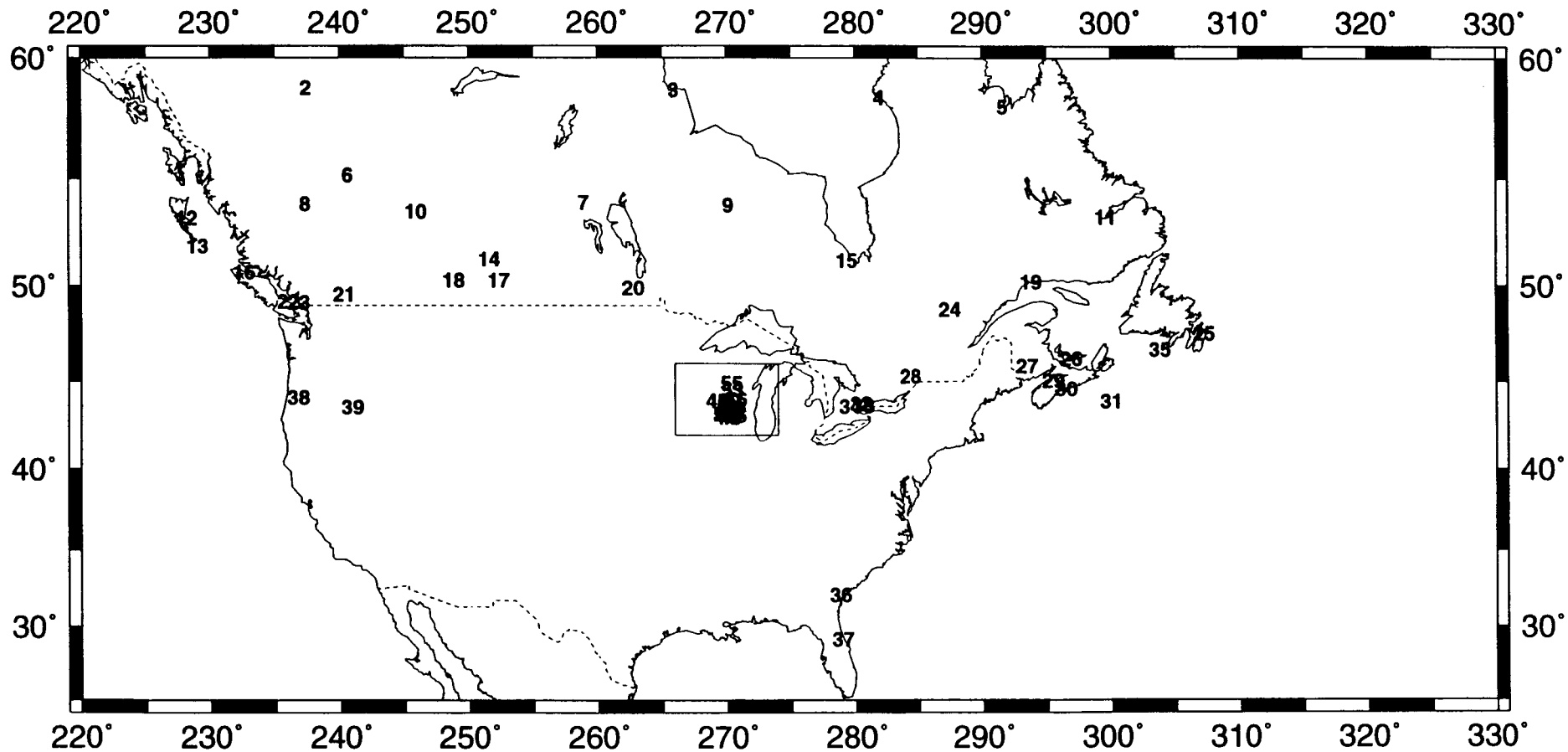


Figure B1. Ground truth sites for region B.

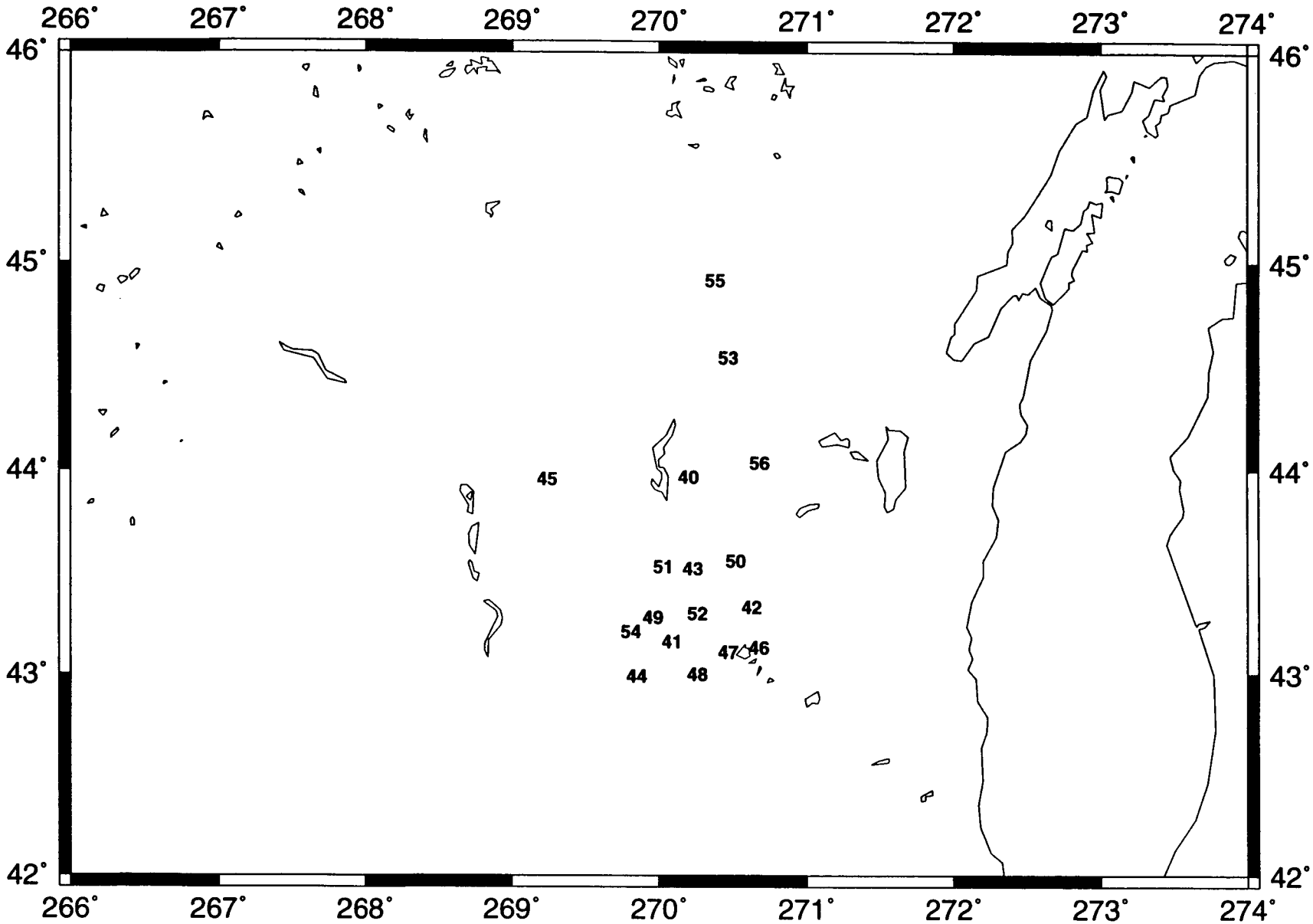
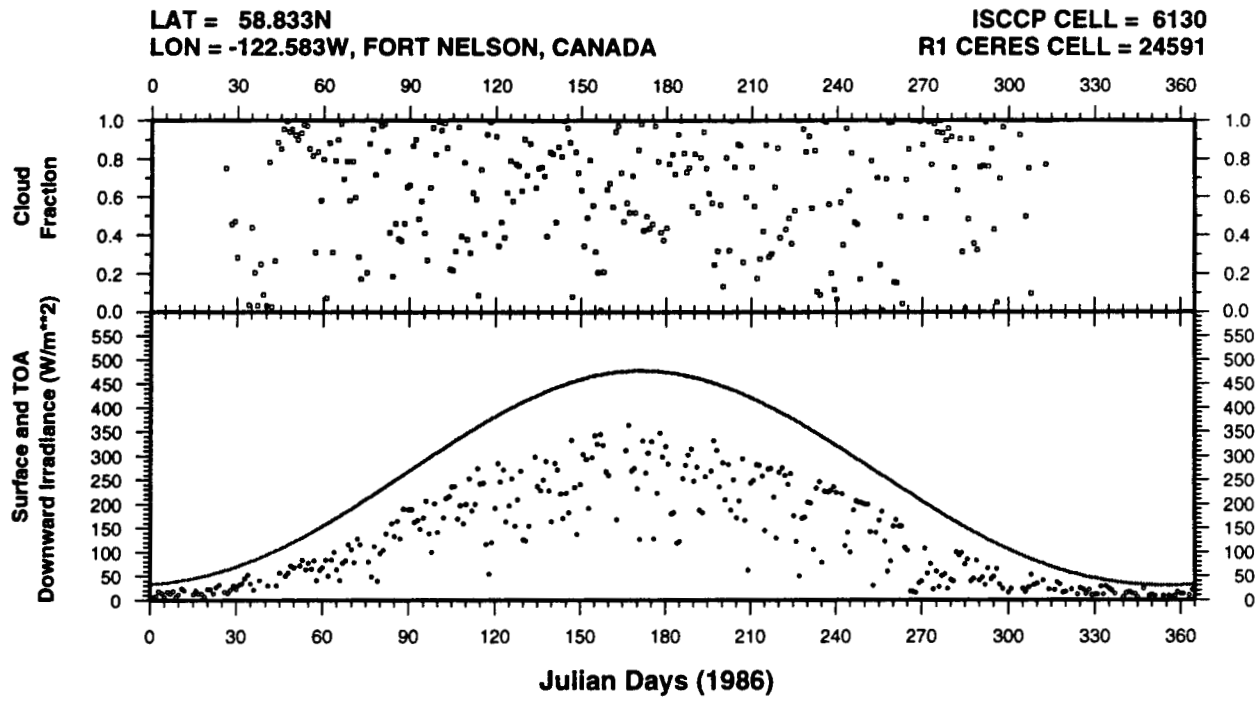
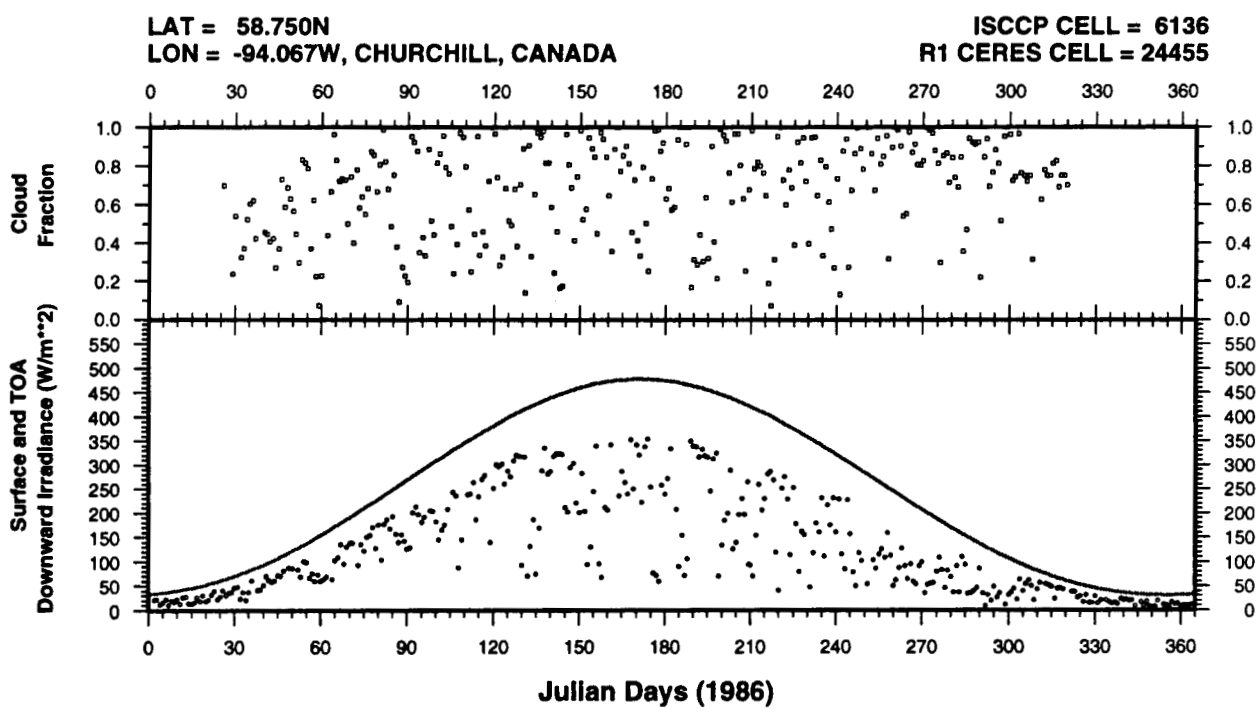


Figure B1a. Ground truth sites for region B.



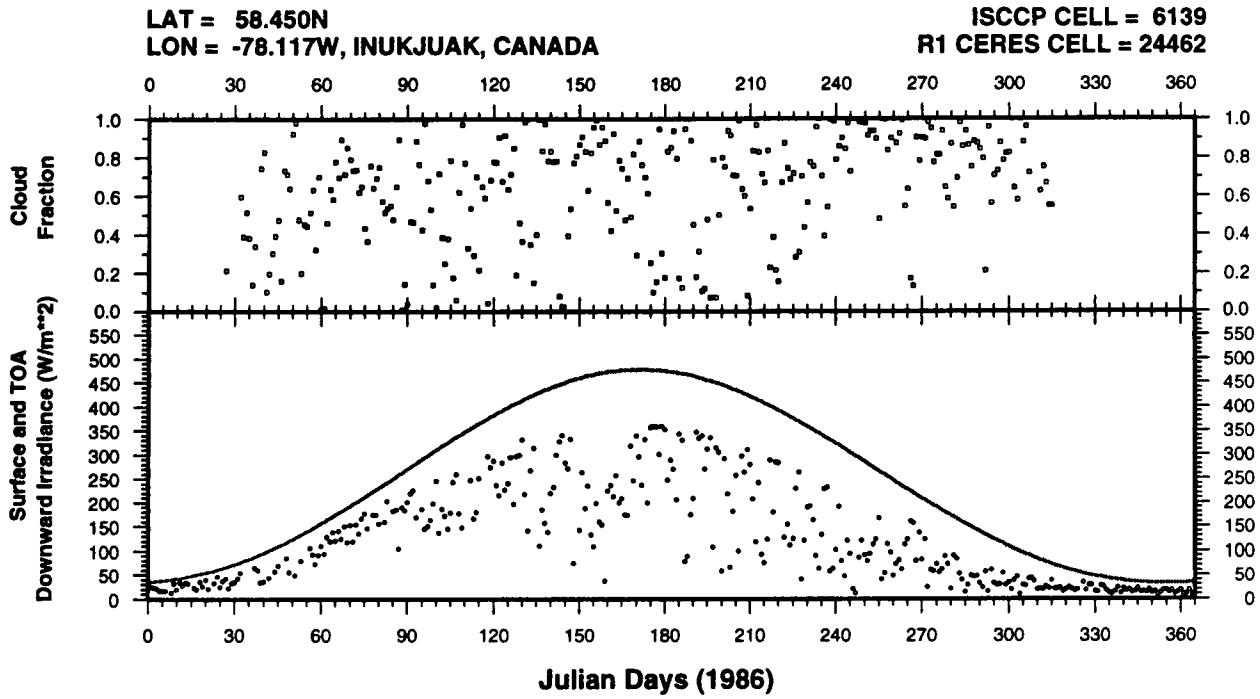
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FORT NELSON, CANADA.



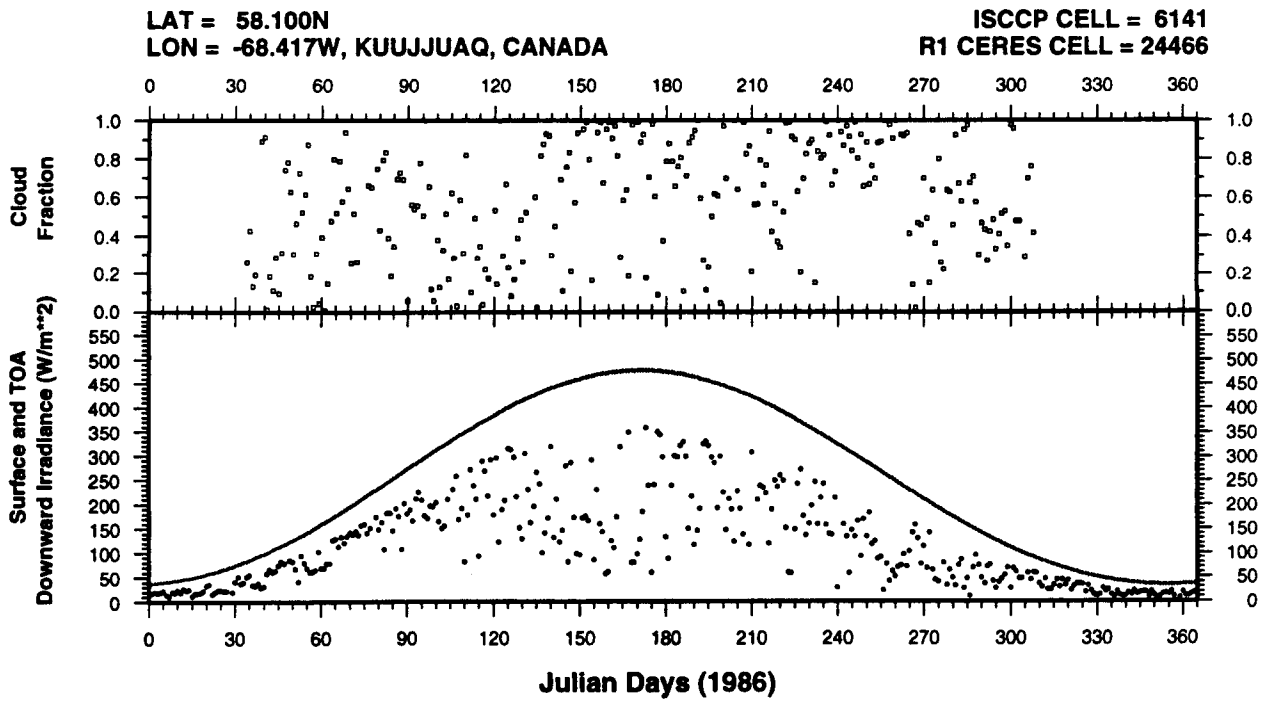
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHURCHILL, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for INUKJUAK, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KUUJJUAQ, CANADA.

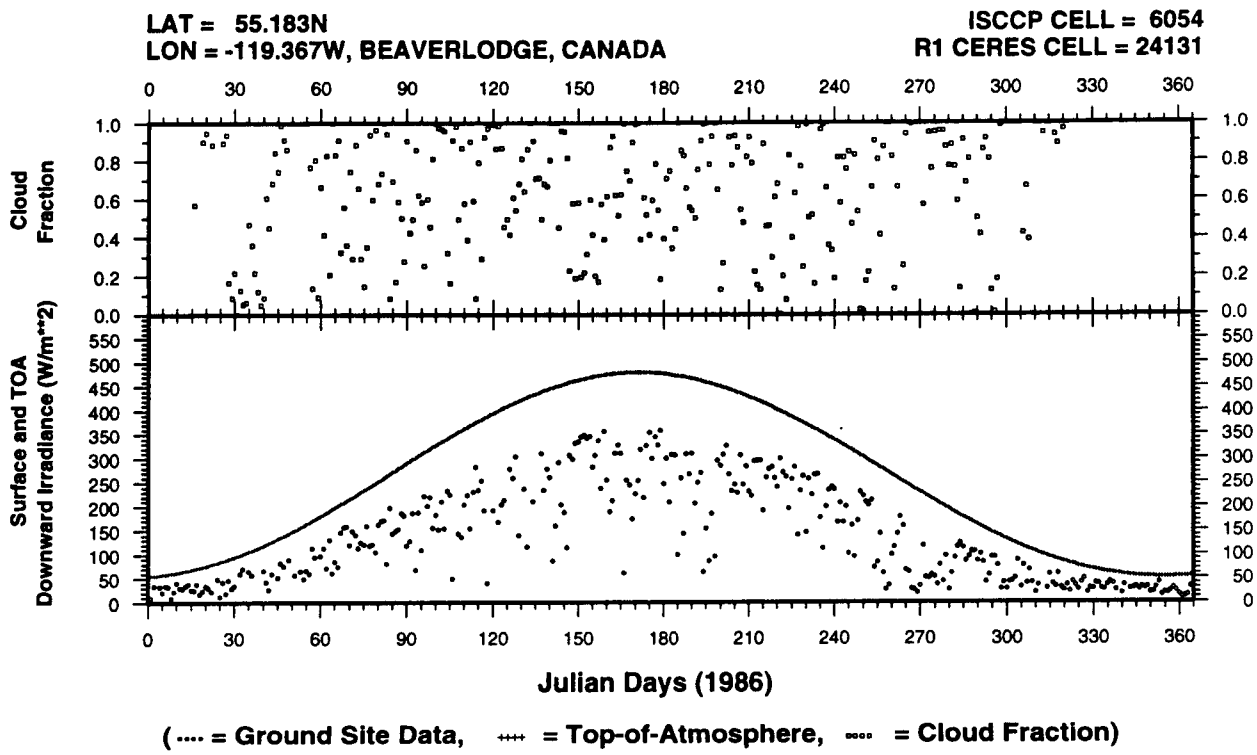


Figure B6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BEAVERLODGE, CANADA.

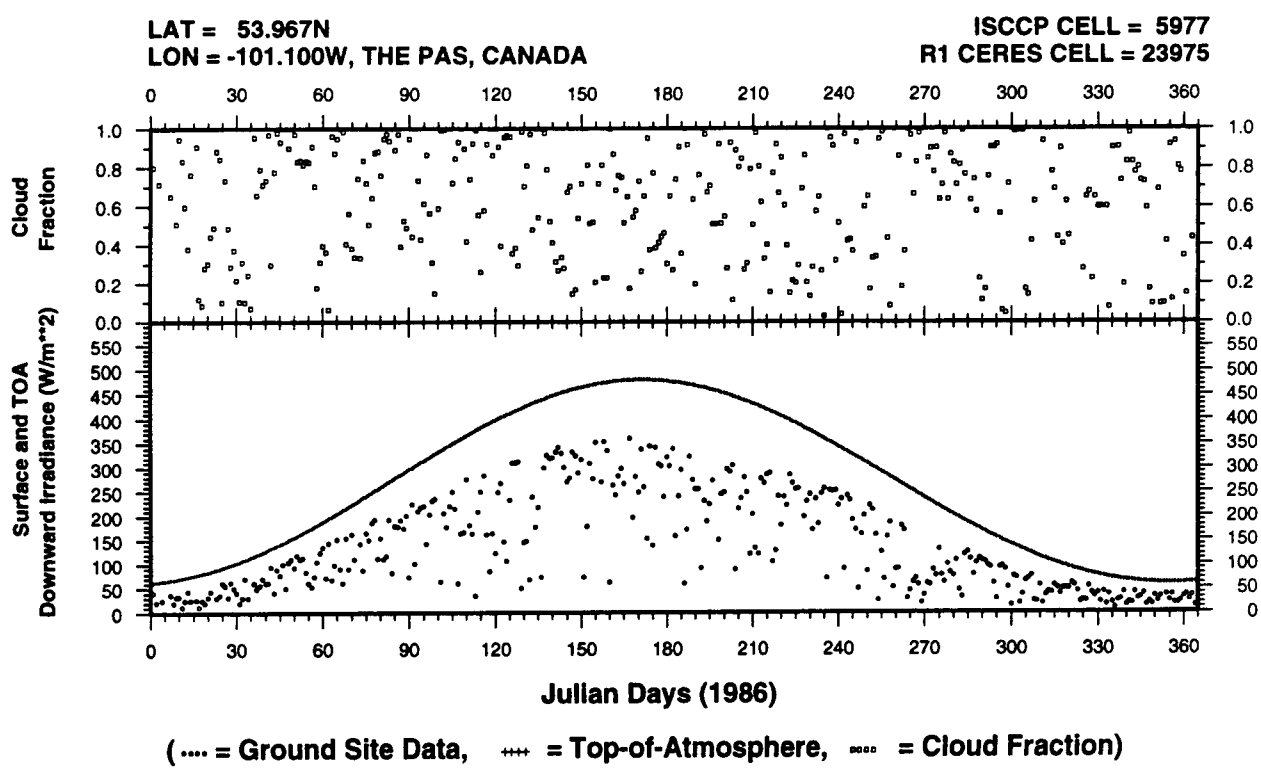


Figure B7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for THE PAS, CANADA.

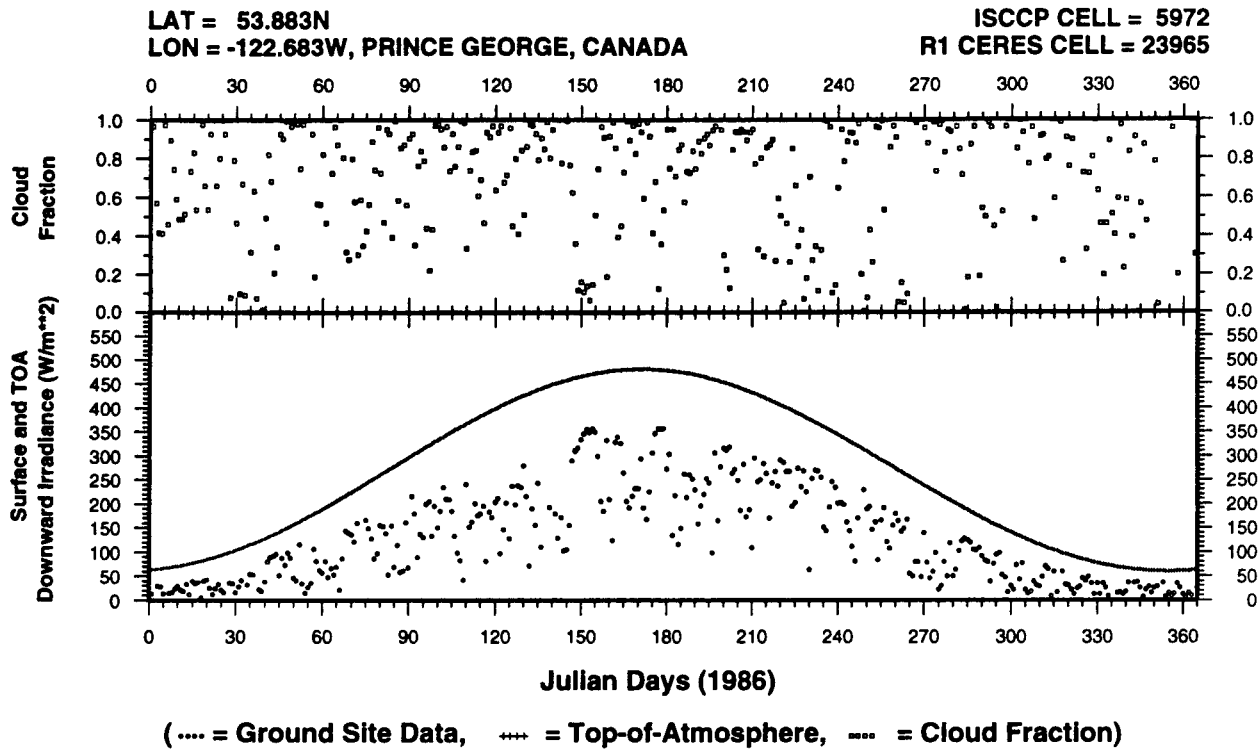


Figure B8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PRINCE GEORGE, CANADA.

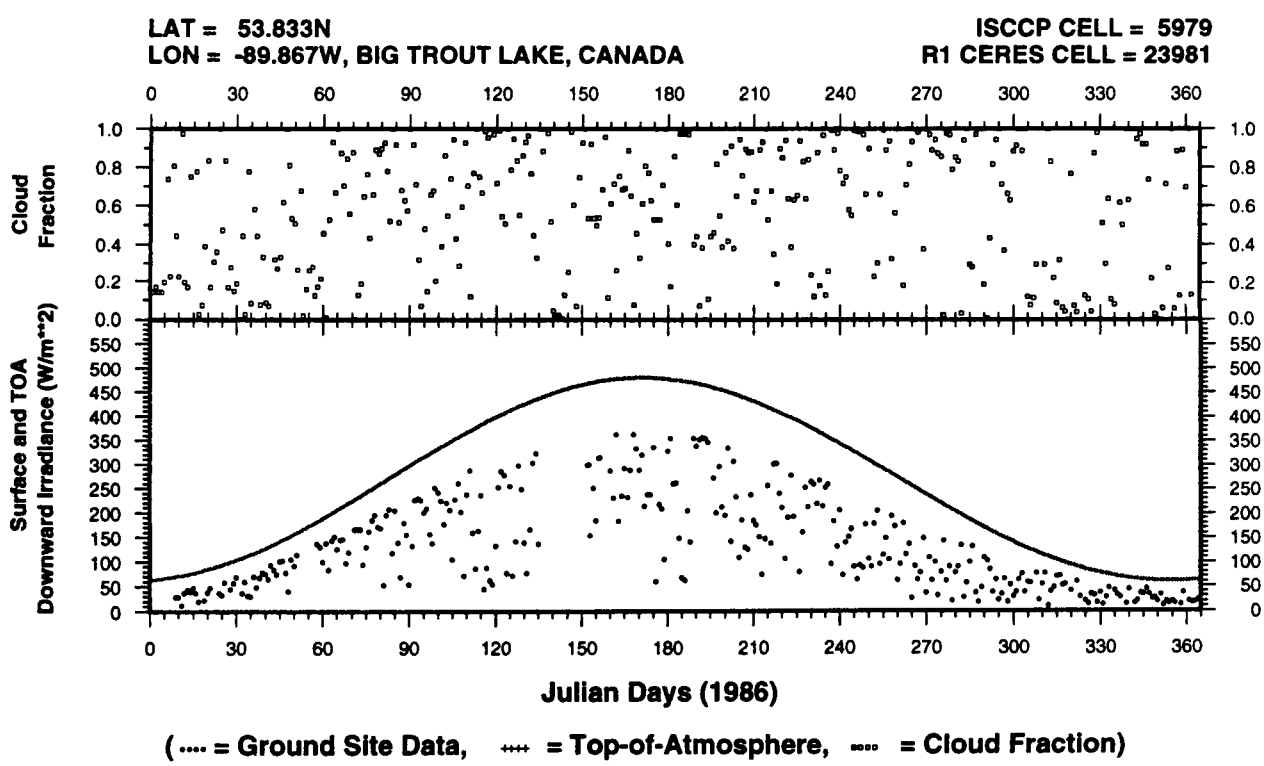
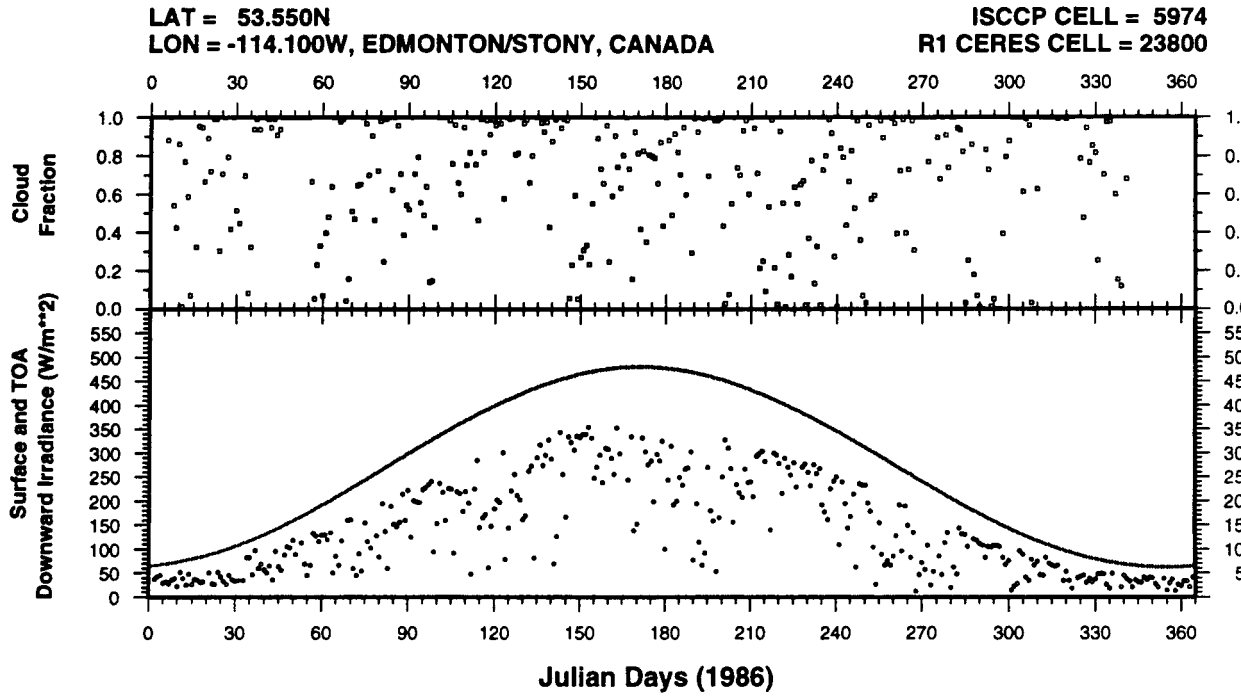
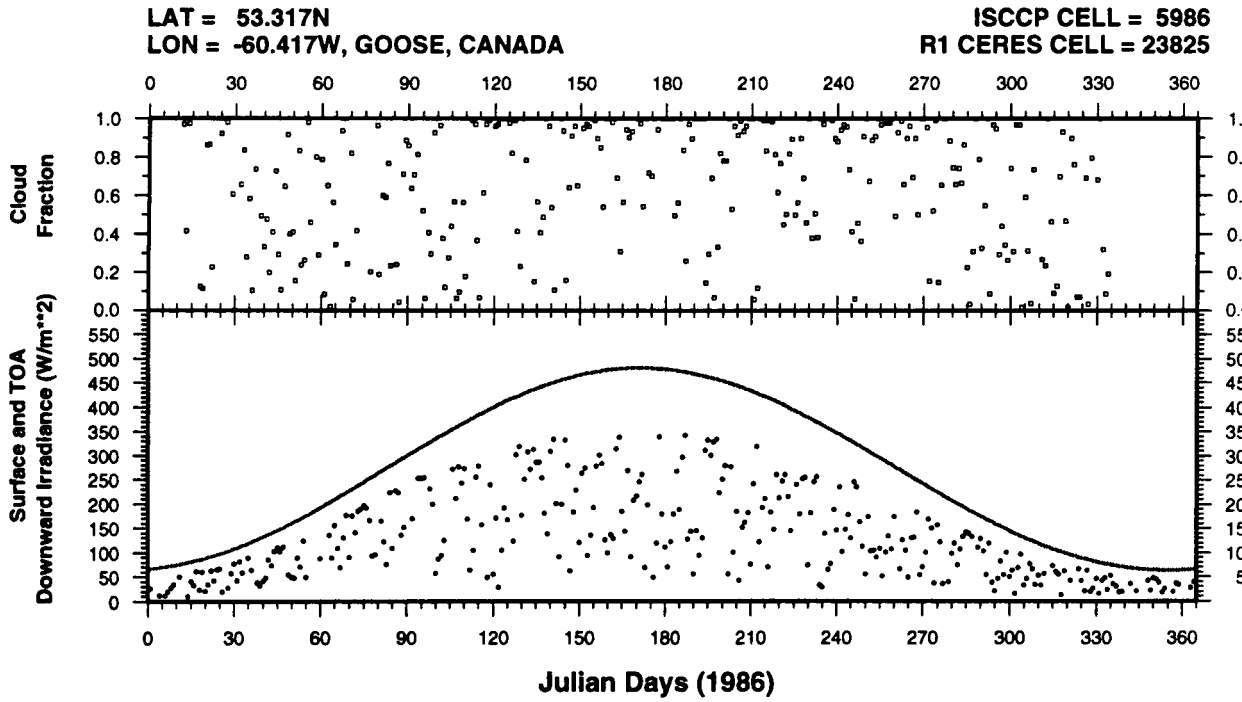


Figure B9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BIG TROUT LAKE, CANADA.



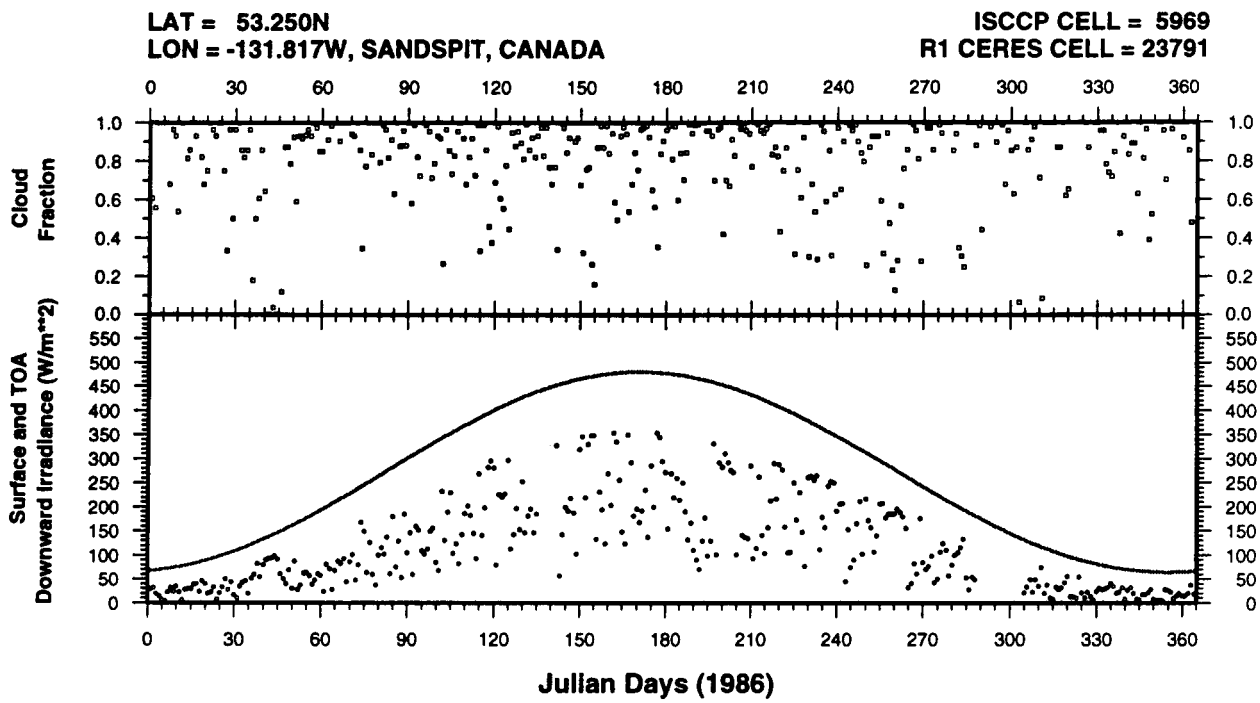
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EDMONTON/STONY, CANADA.



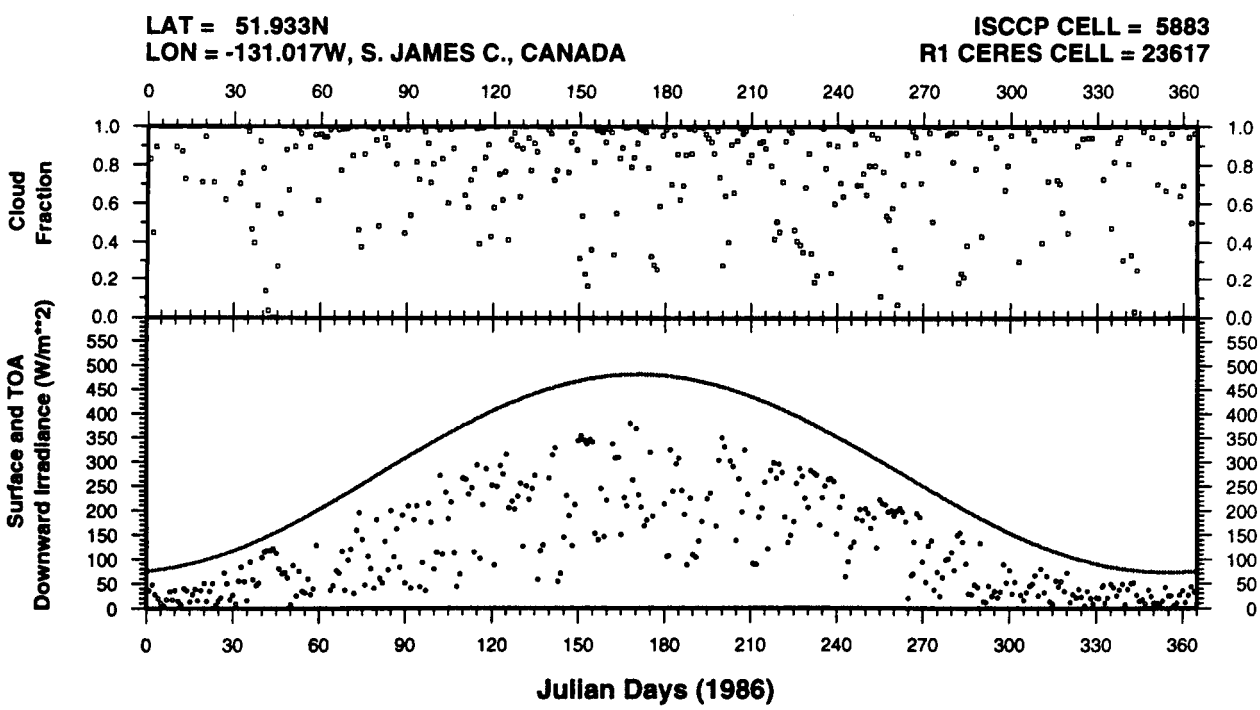
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GOOSE, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SANDSPIT, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for S. JAMES C., CANADA.

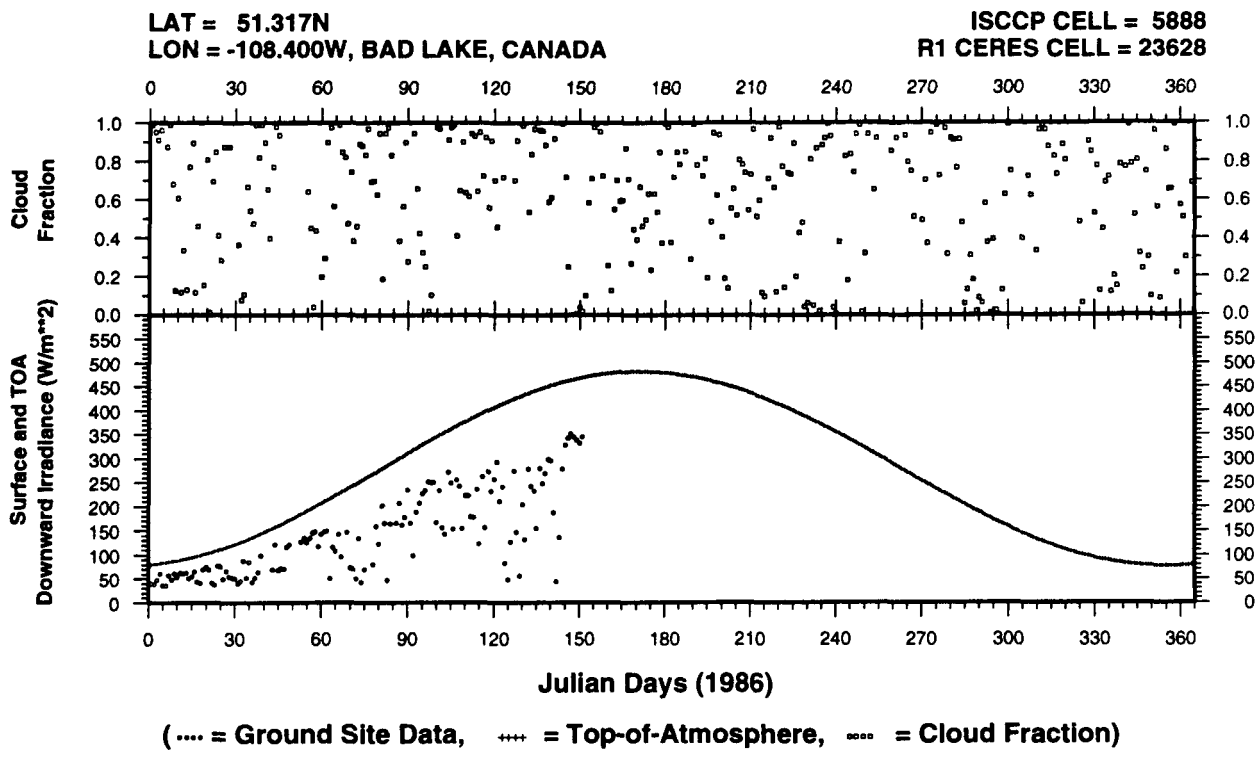


Figure B14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BAD LAKE, CANADA.

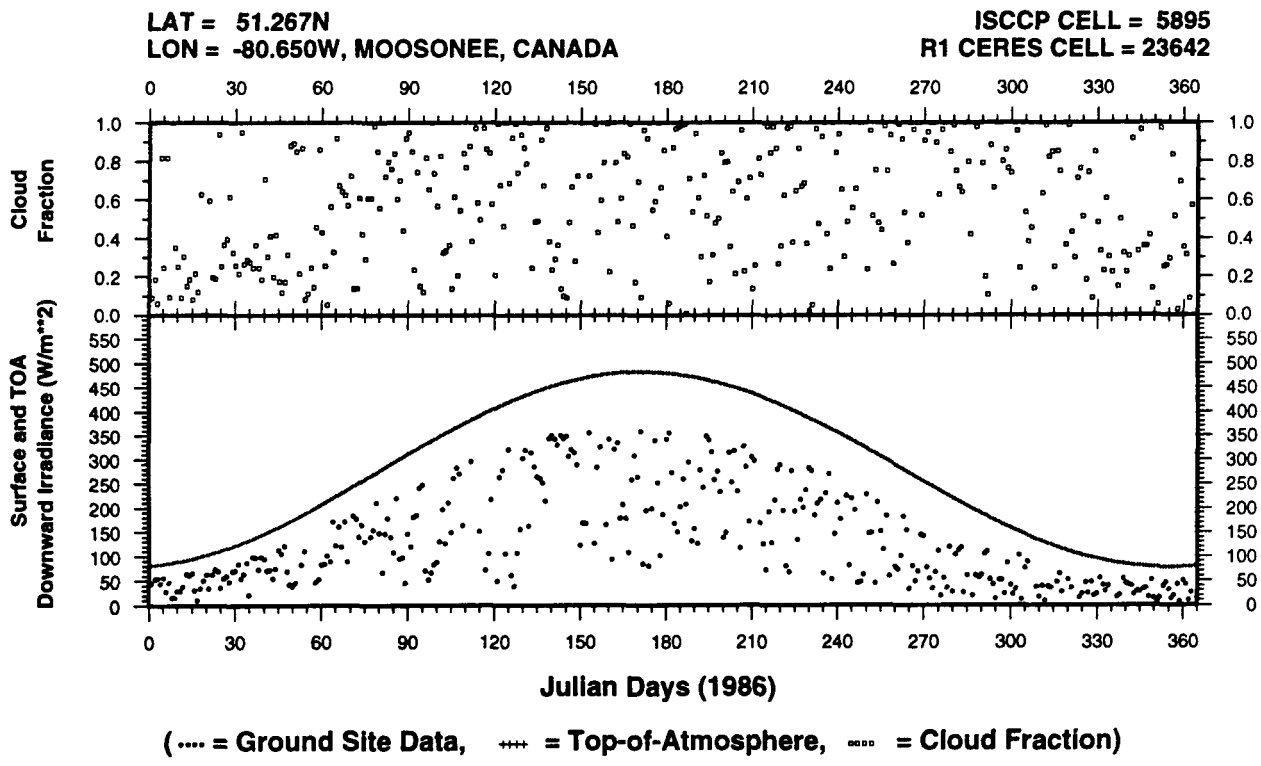
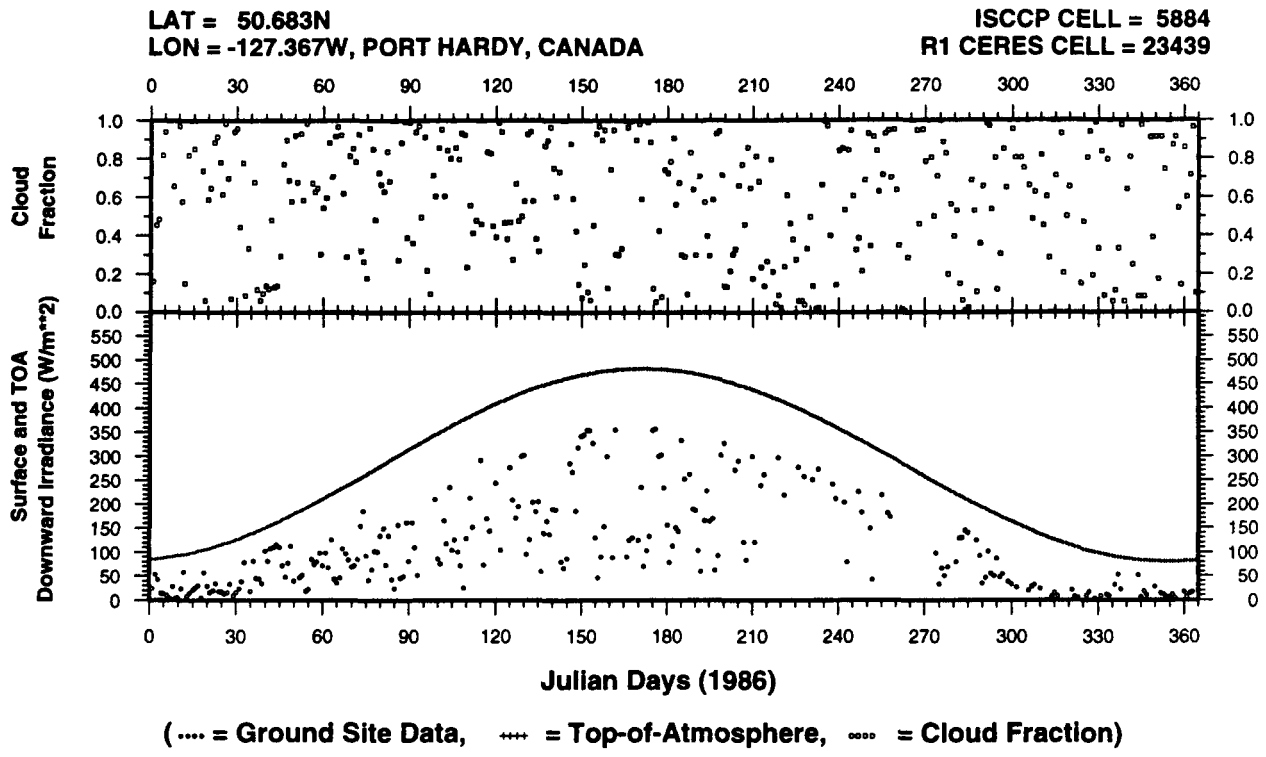
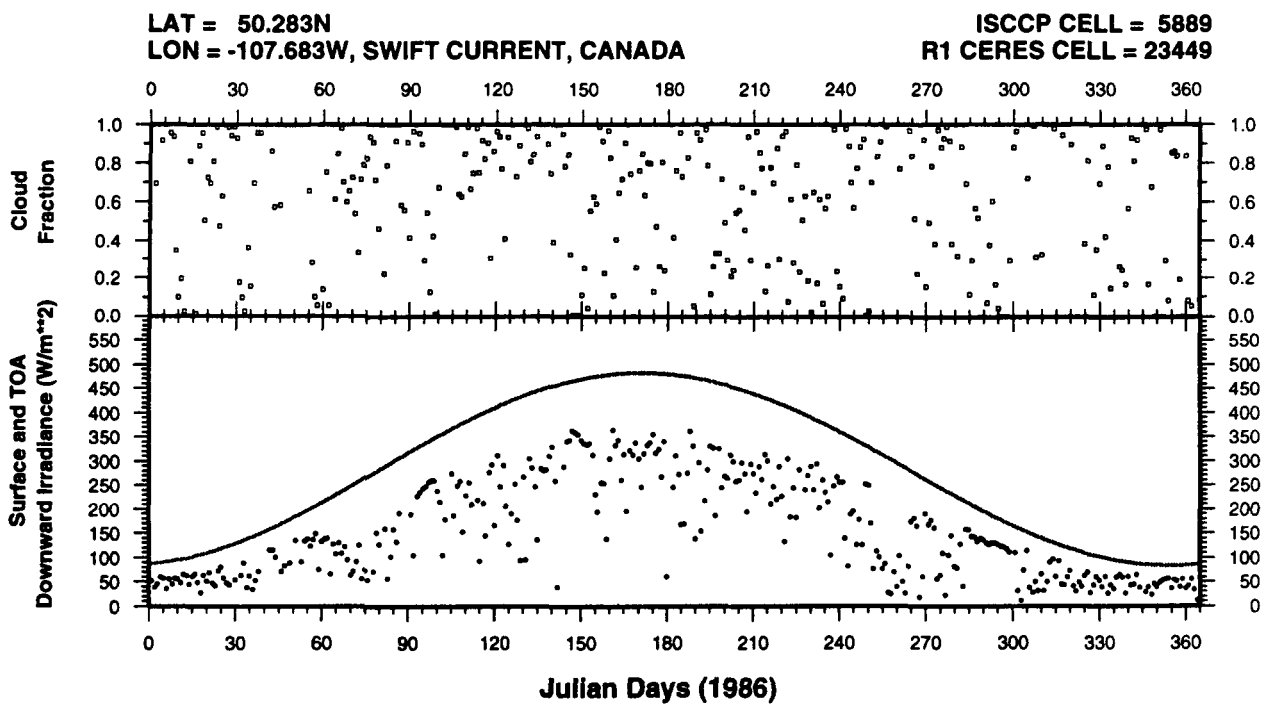


Figure B15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOOSONEE, CANADA.



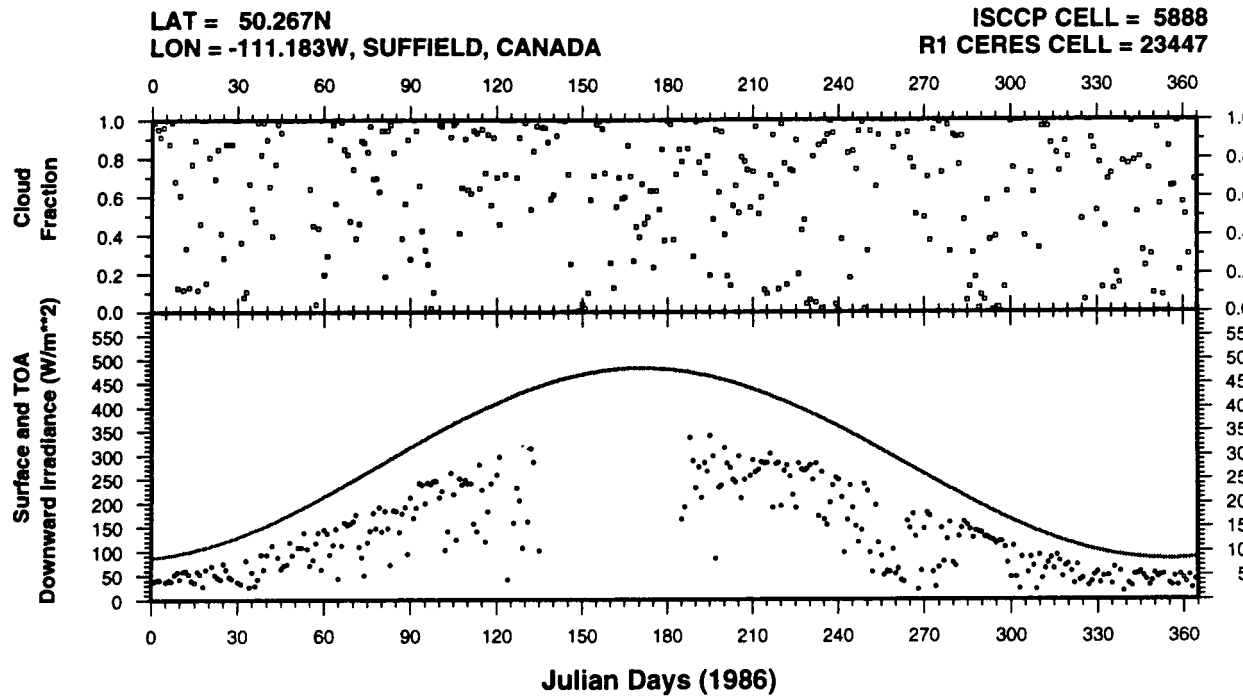
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PORT HARDY, CANADA.



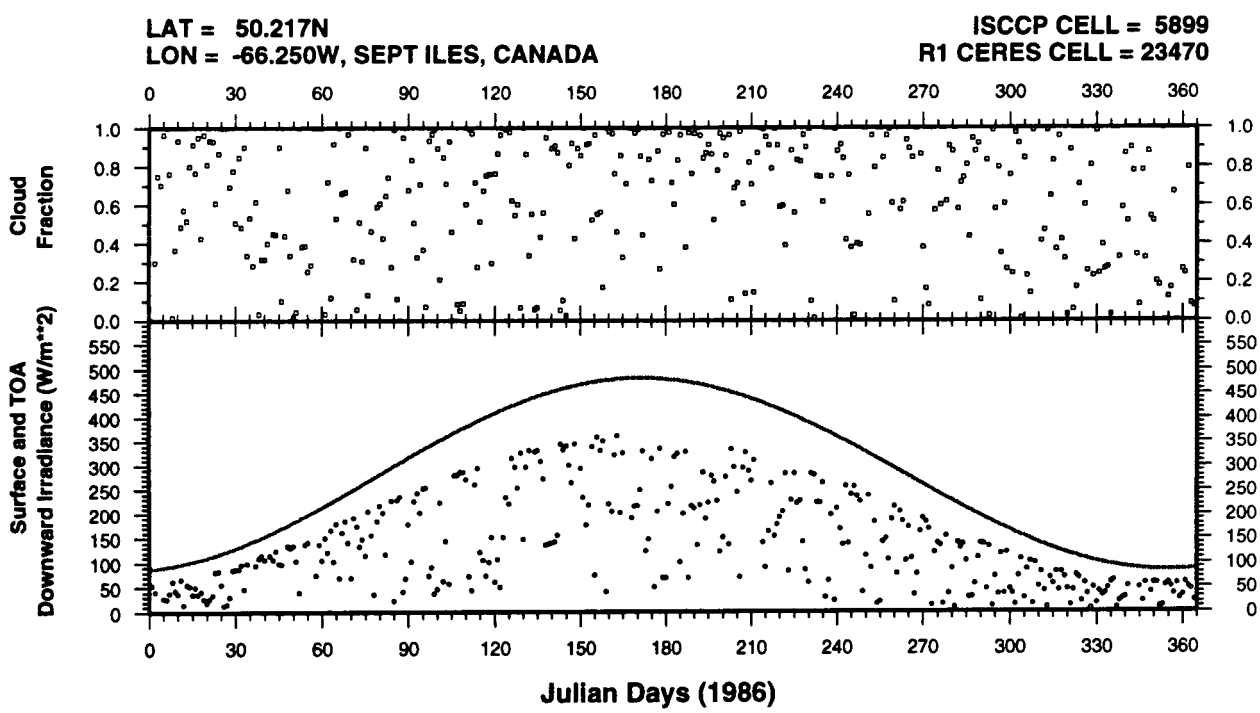
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SWIFT CURRENT, CANADA.



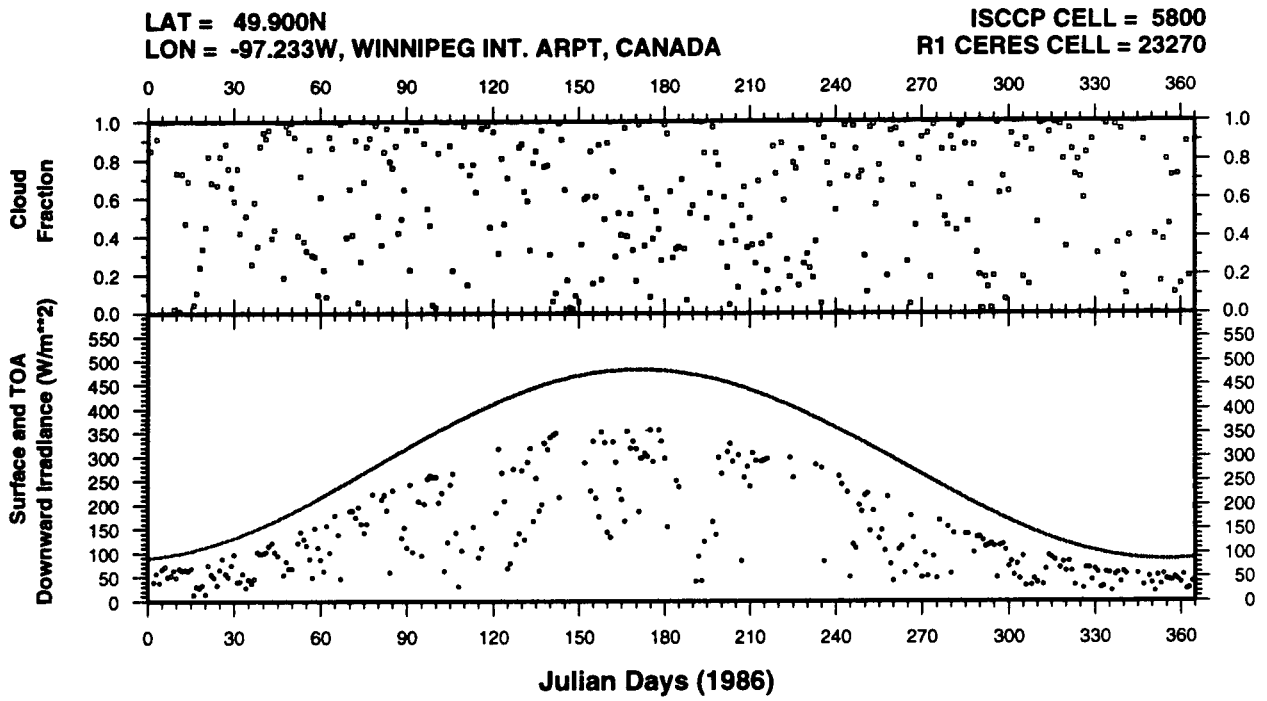
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SUFFIELD, CANADA.



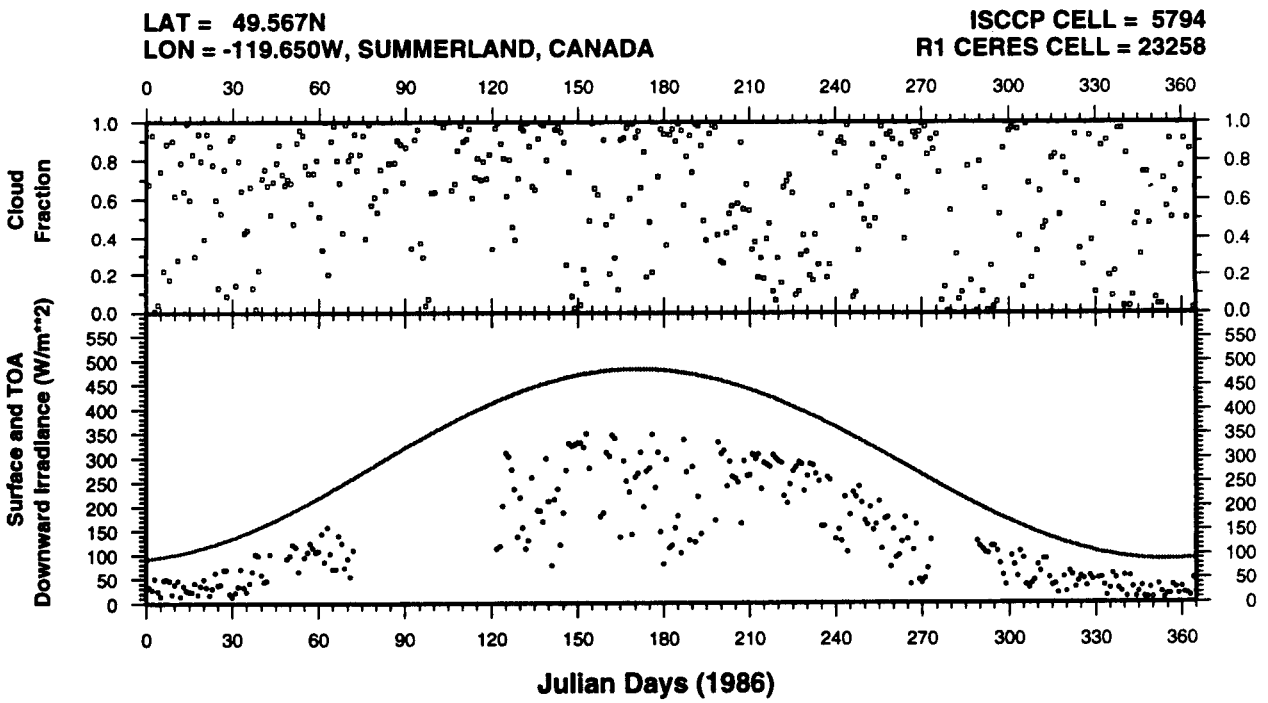
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SEPT ILES, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WINNIPEG INT. ARPT, CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SUMMERLAND, CANADA.

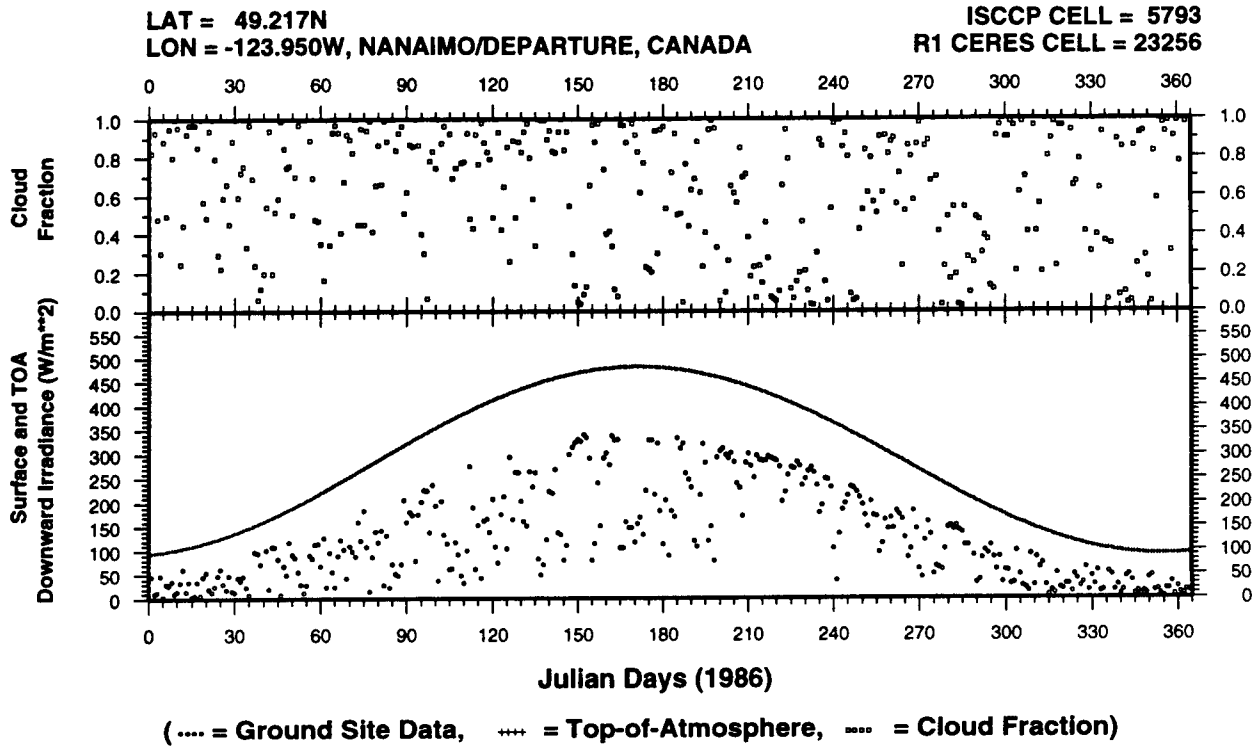


Figure B22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NANAIMO/DEPARTURE, CANADA.

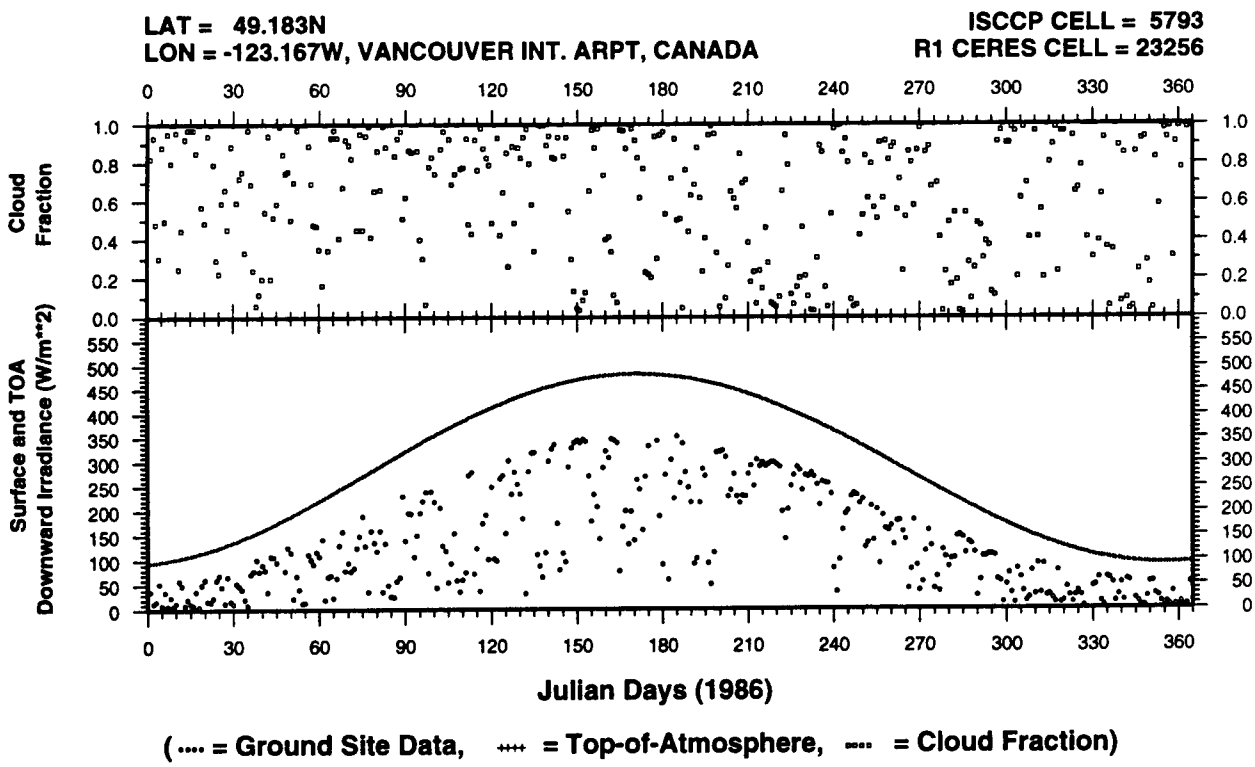


Figure B23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VANCOUVER INT. ARPT, CANADA.

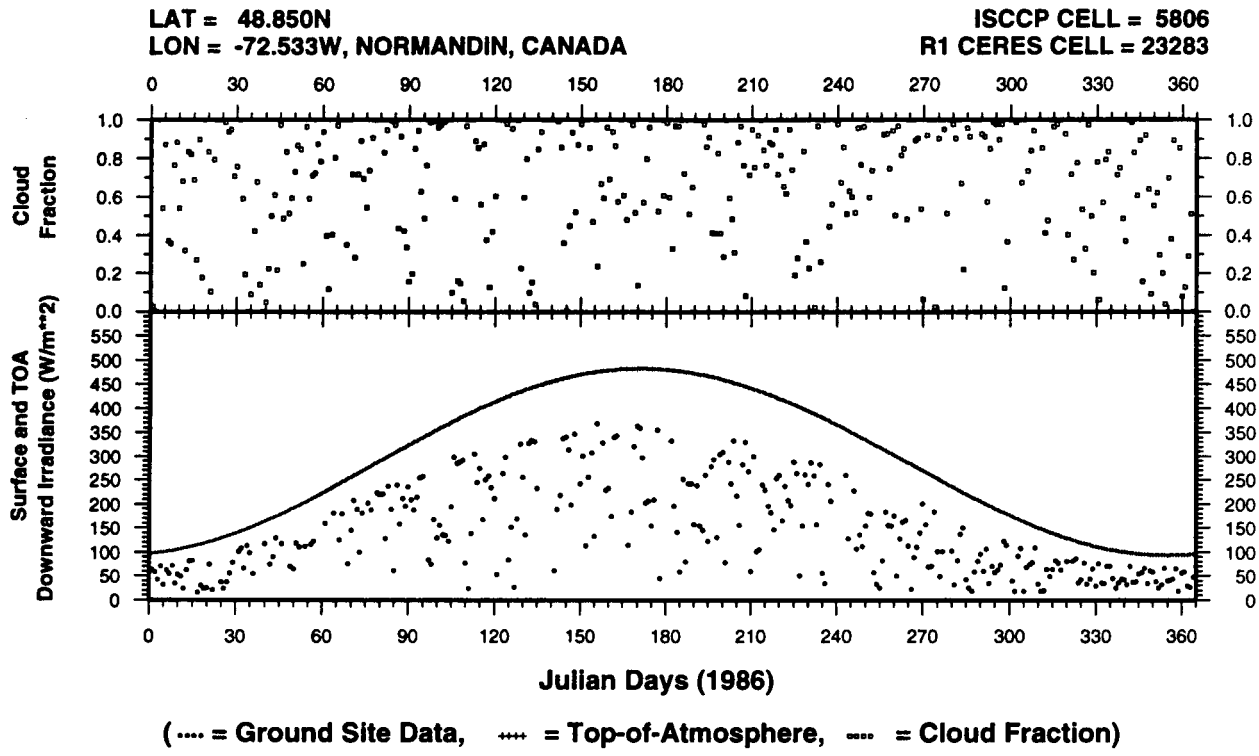


Figure B24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NORMANDIN, CANADA.

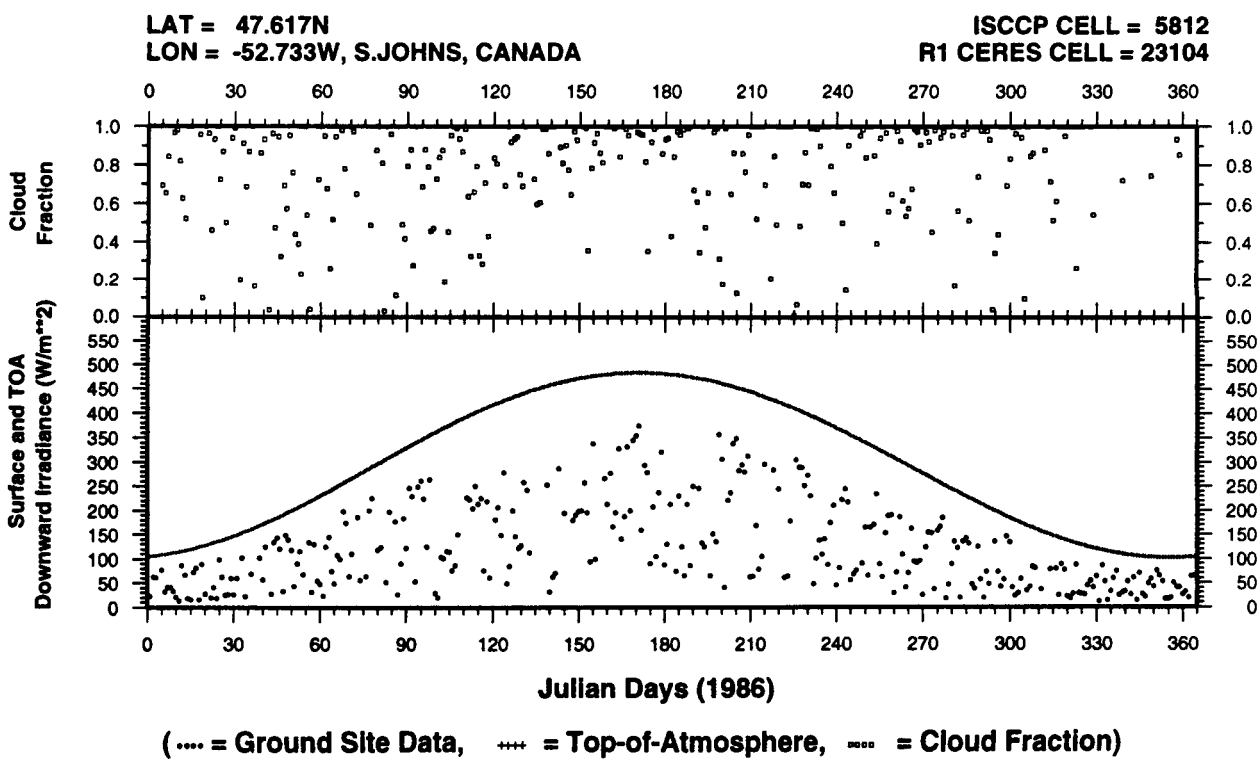


Figure B25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for S.JOHNS, CANADA.

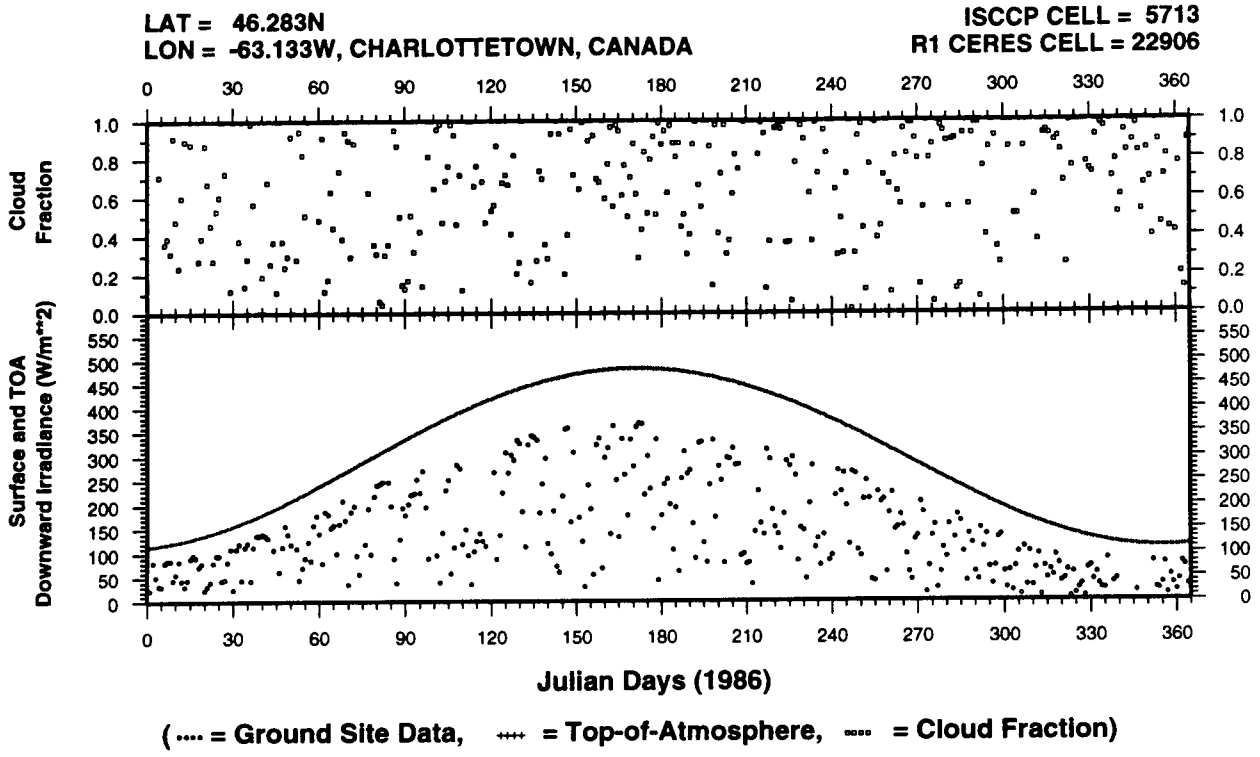


Figure B26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHARLOTTETOWN, CANADA.

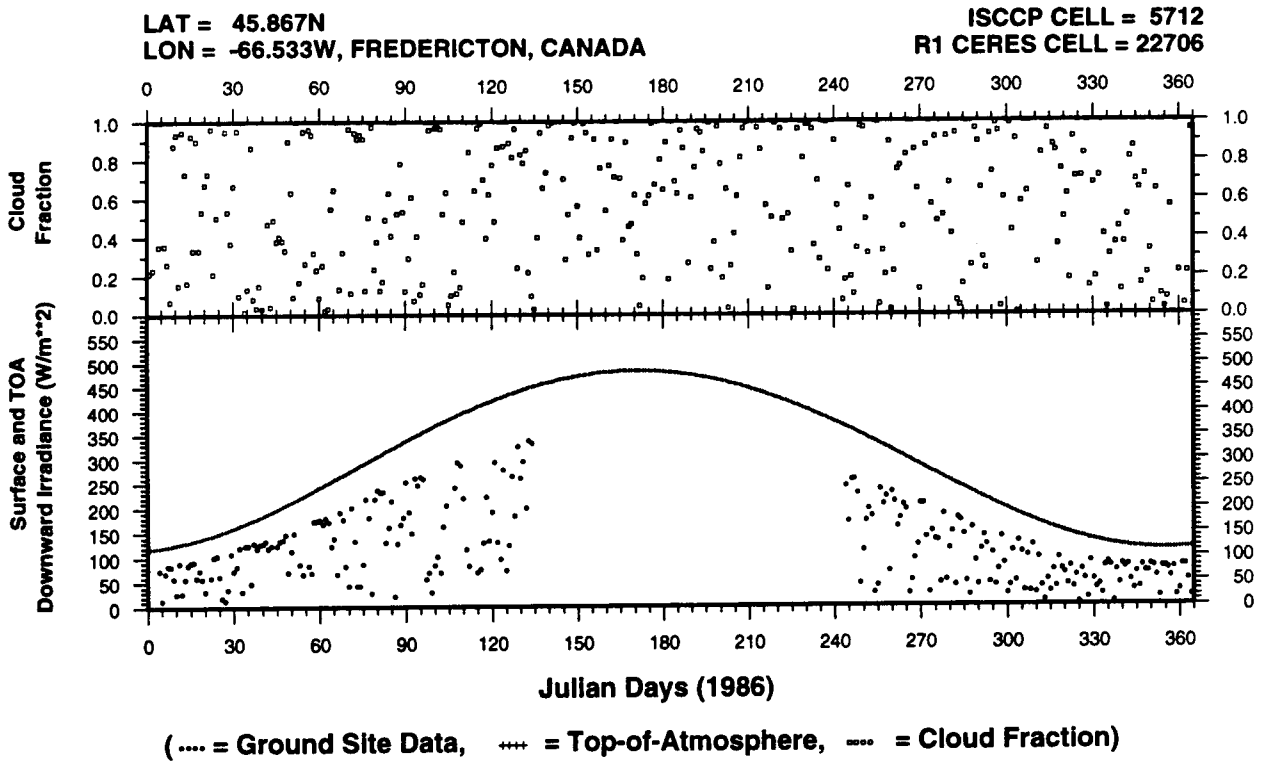
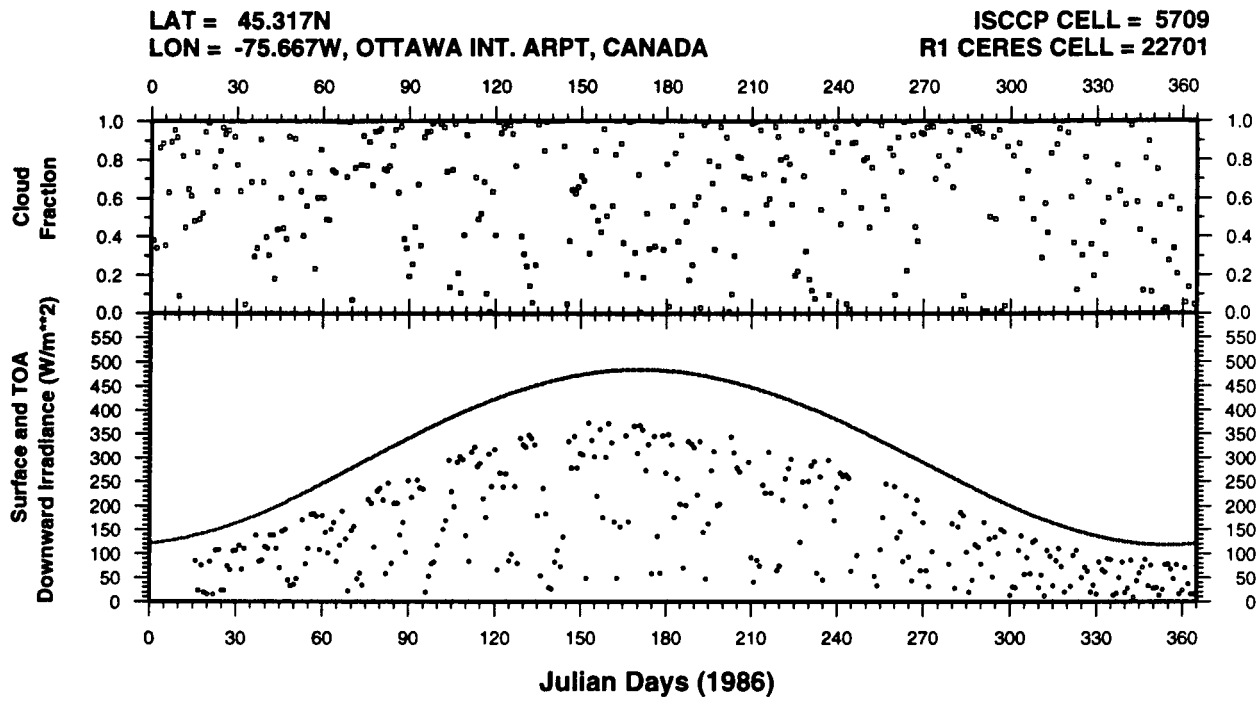
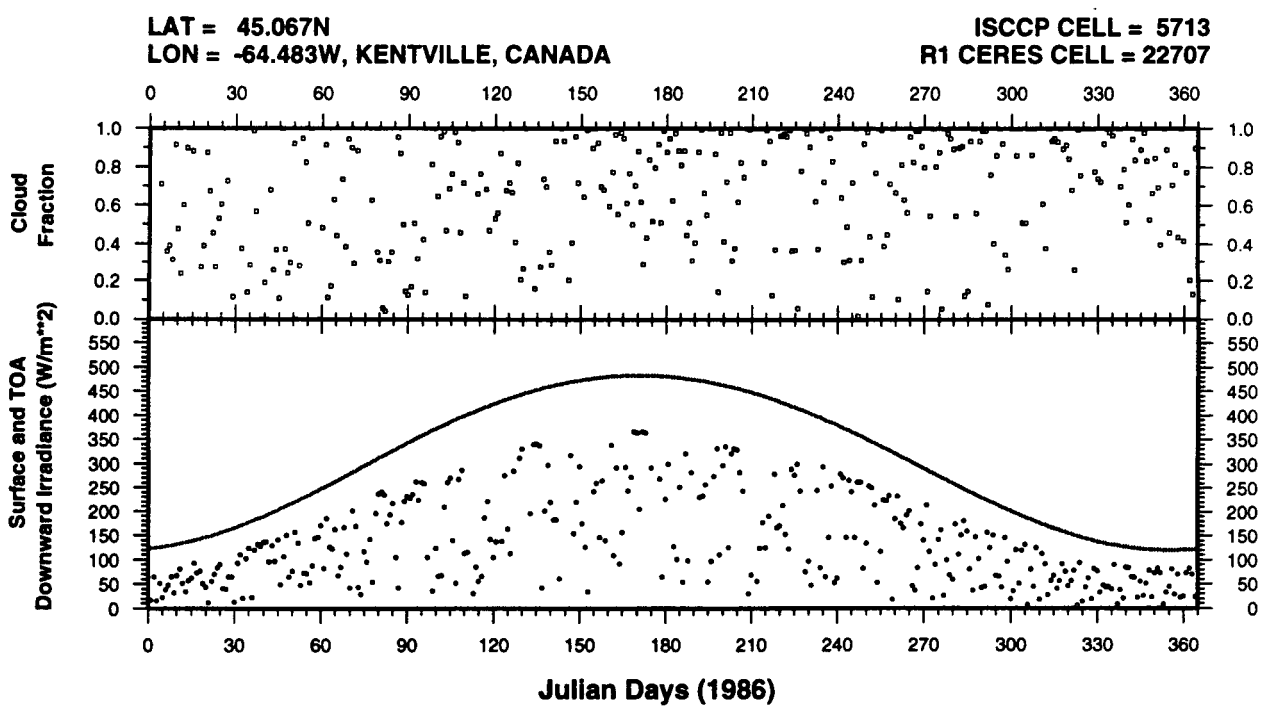


Figure B27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FREDERICTON, CANADA.



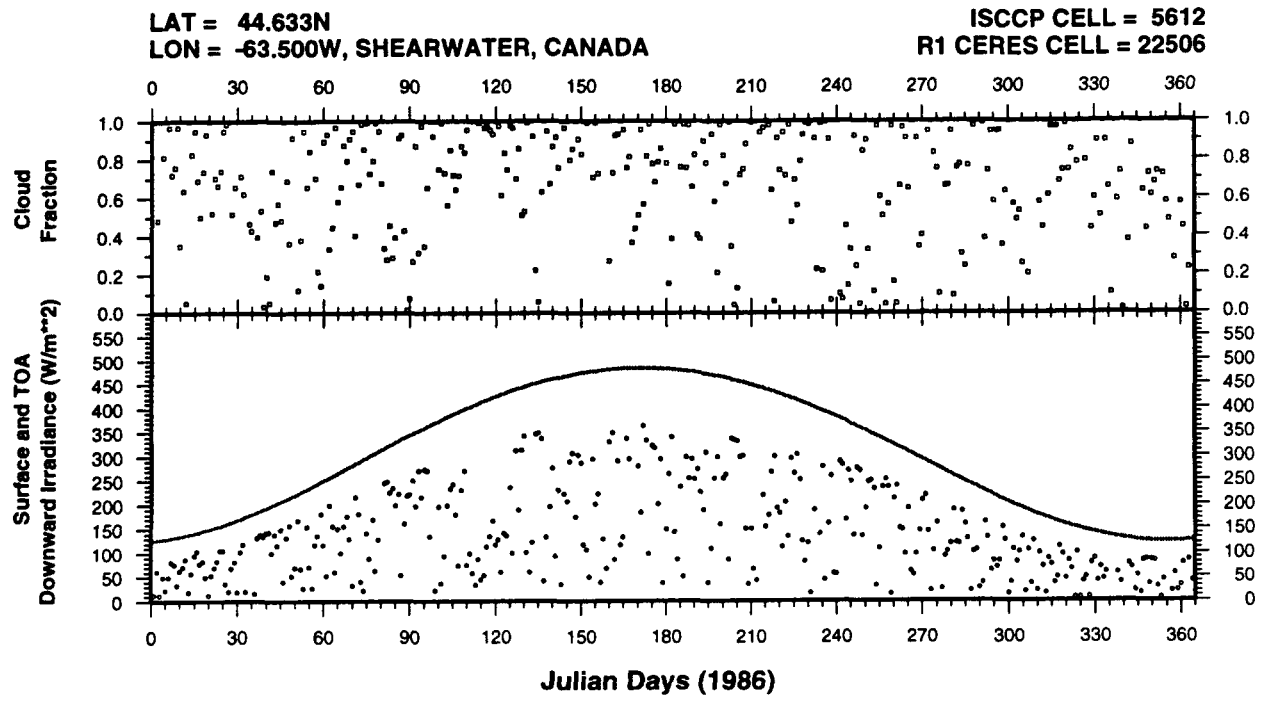
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OTTAWA INT. ARPT, CANADA.



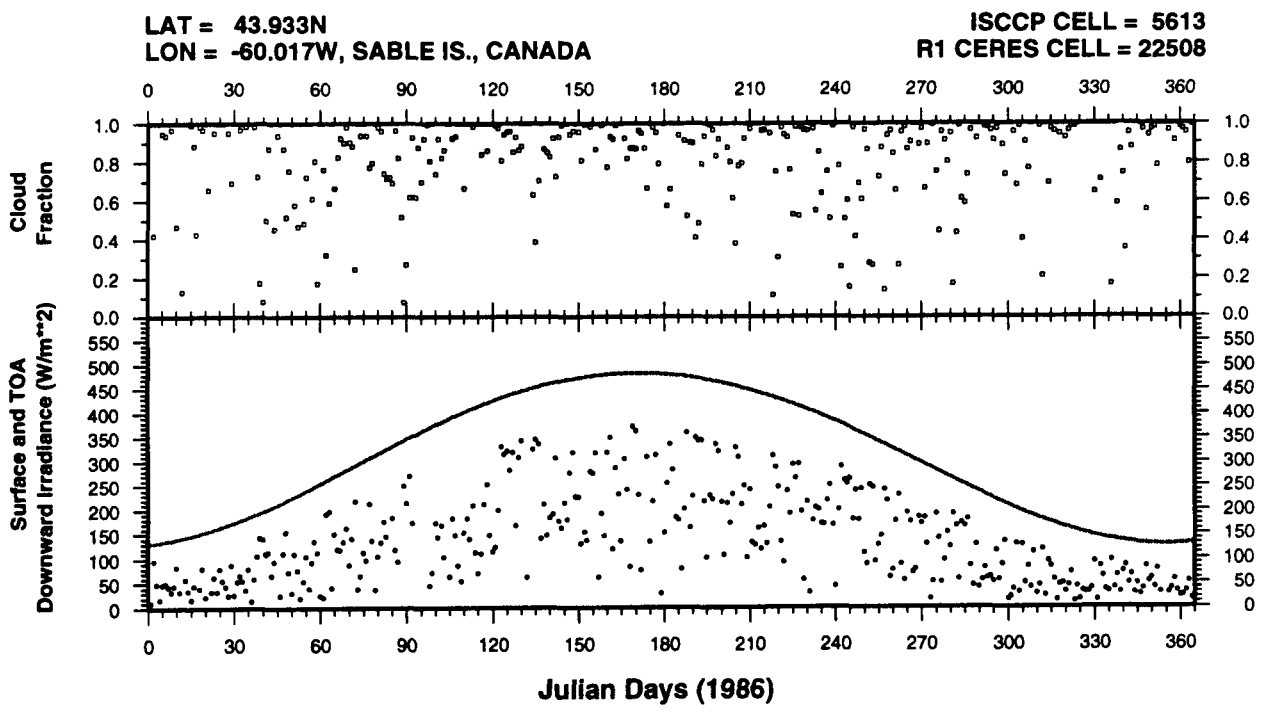
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KENTVILLE, CANADA.



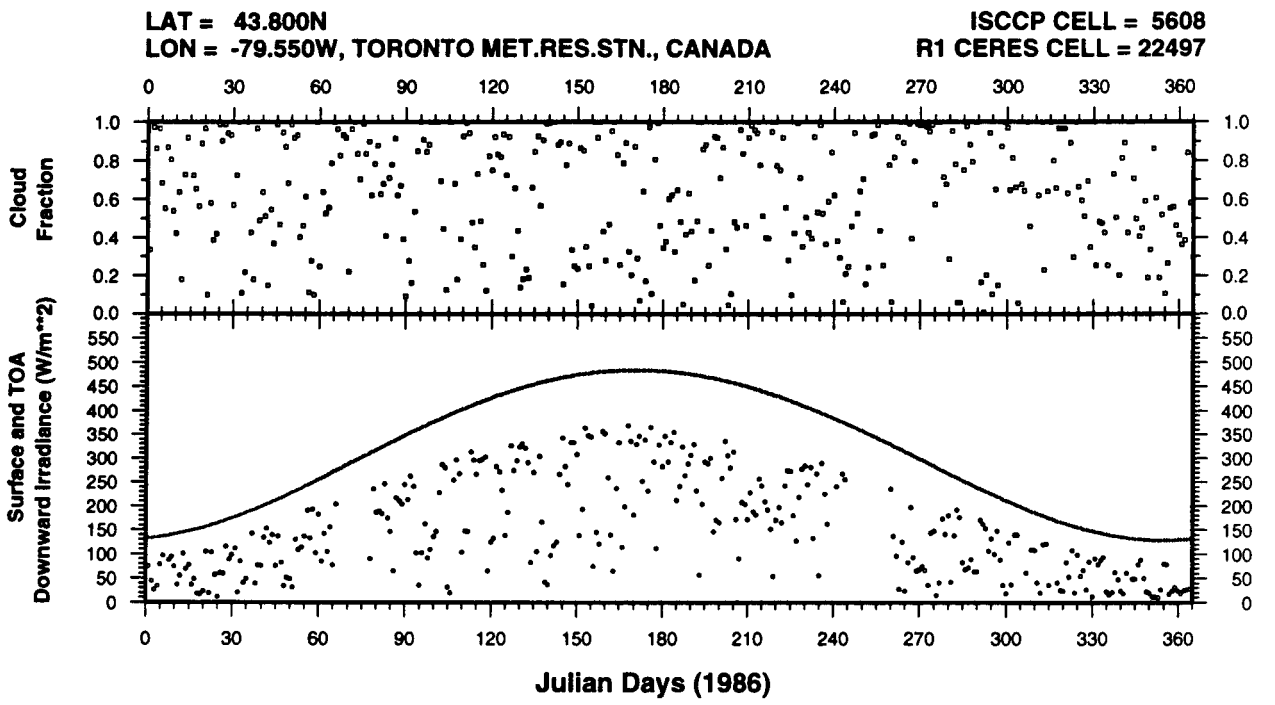
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B30. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHEARWATER, CANADA.



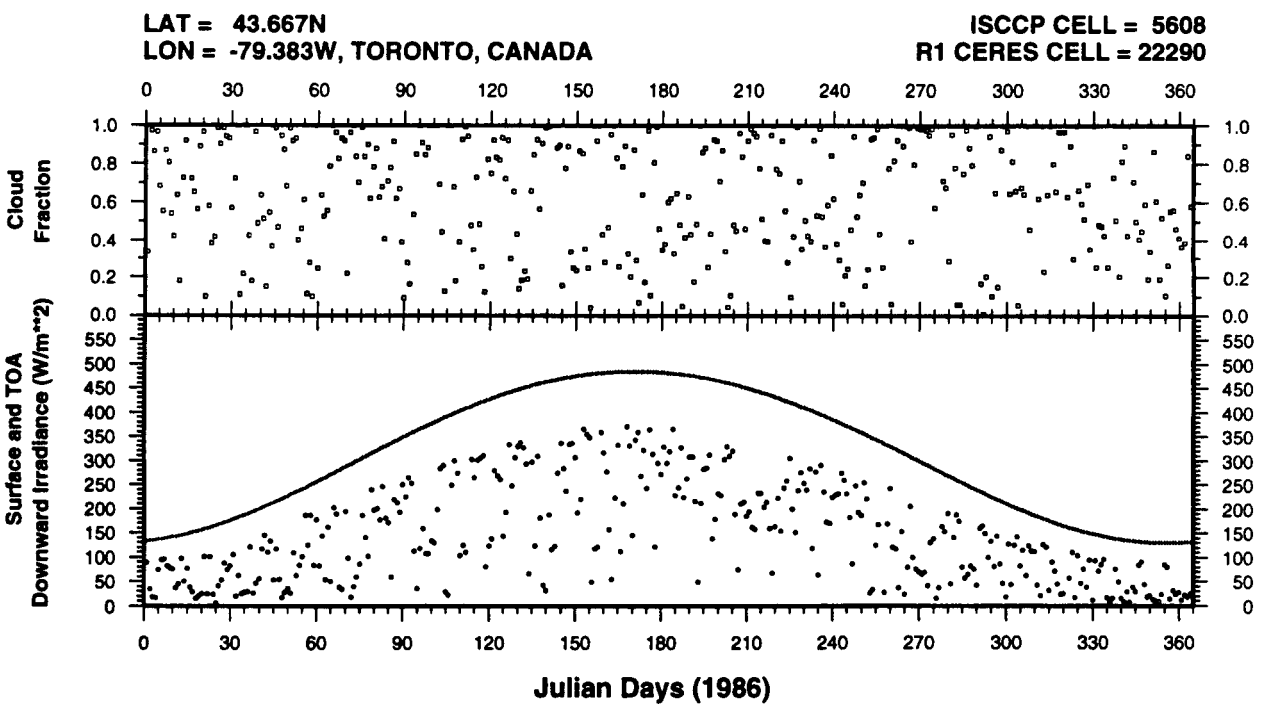
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B31. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SABLE IS., CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B32. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TORONTO MET.RES.STN., CANADA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B33. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TORONTO, CANADA.

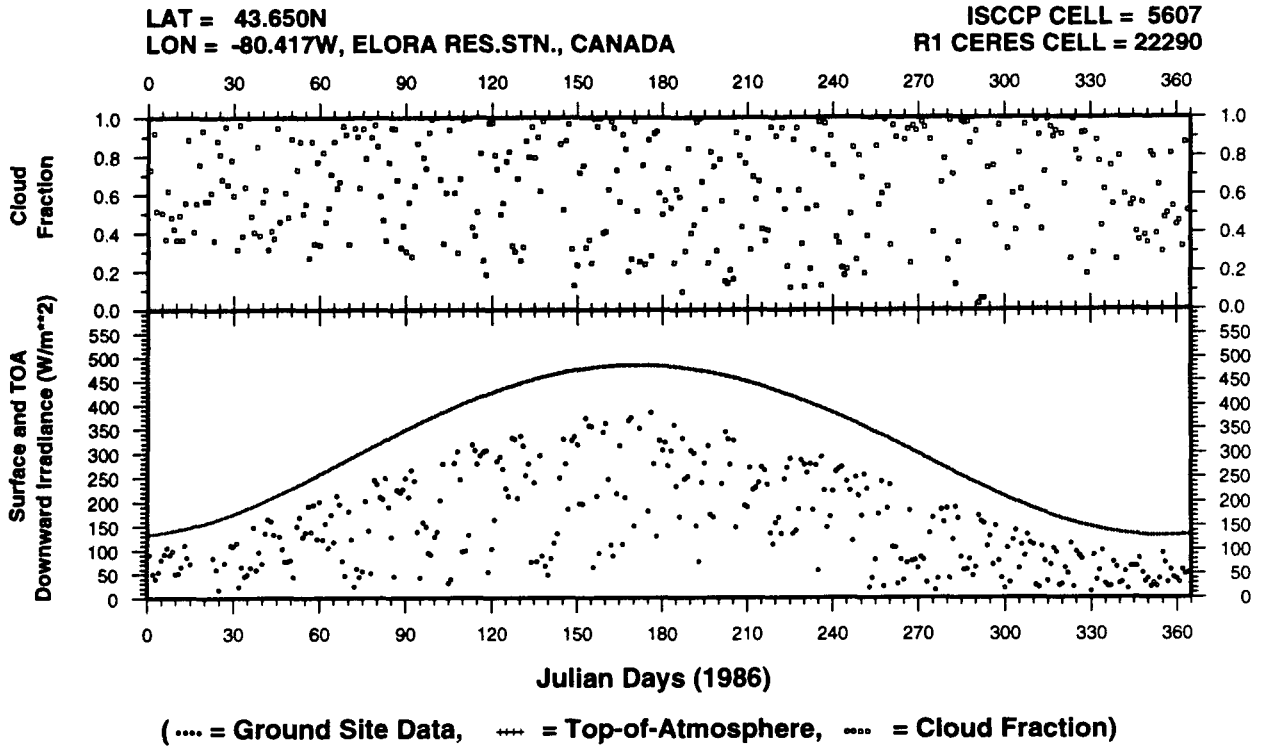


Figure B34. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ELORA RES.STN., CANADA.

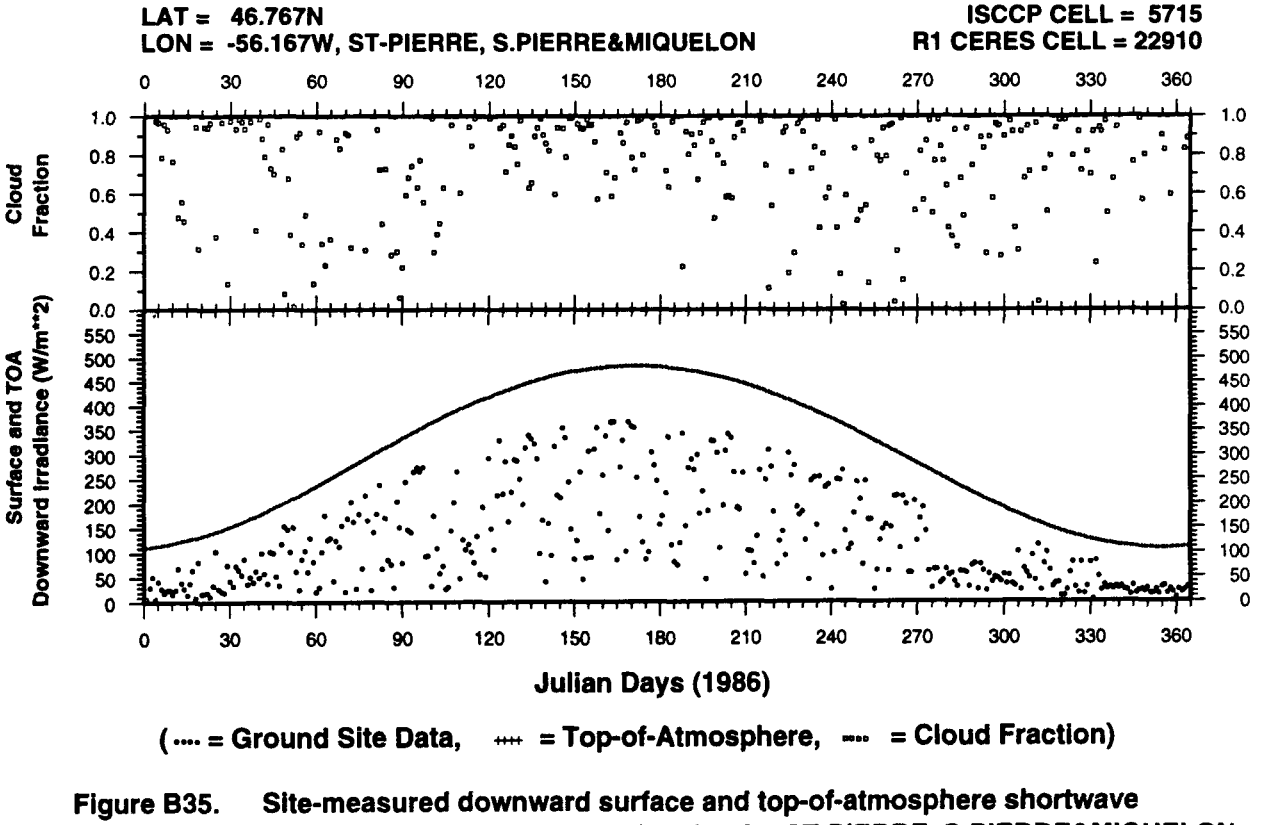
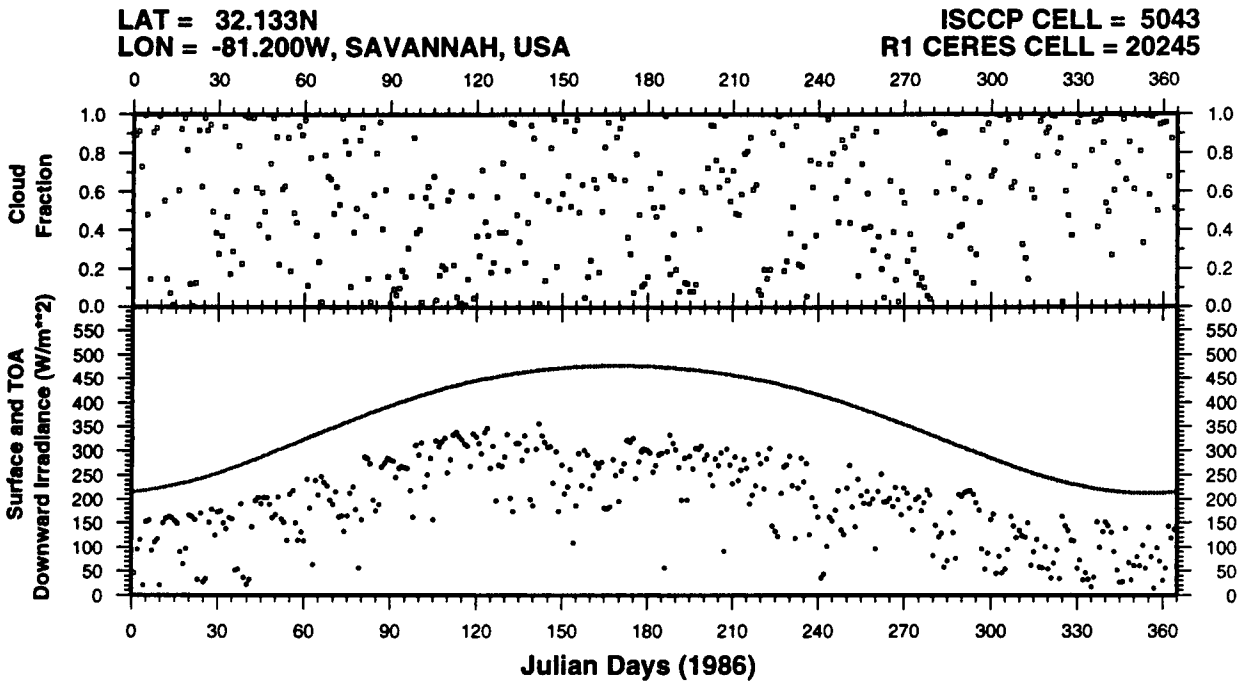
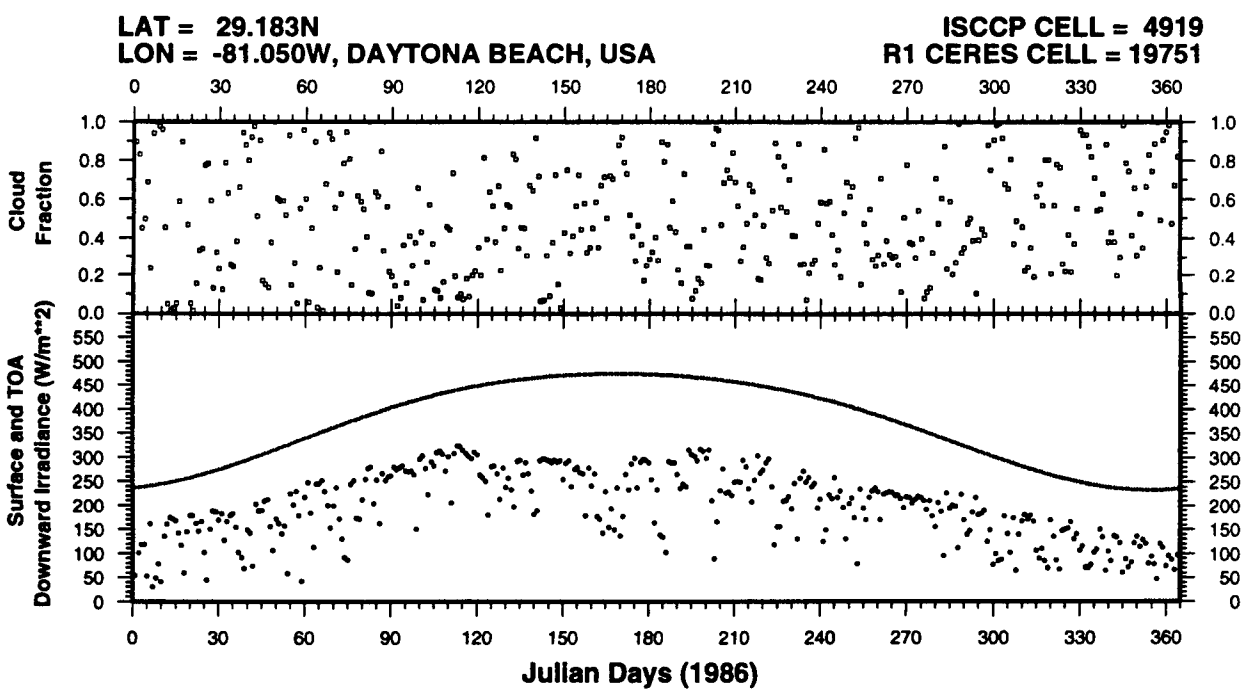


Figure B35. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ST-PIERRE, S.PIERRE&MIQUELON.



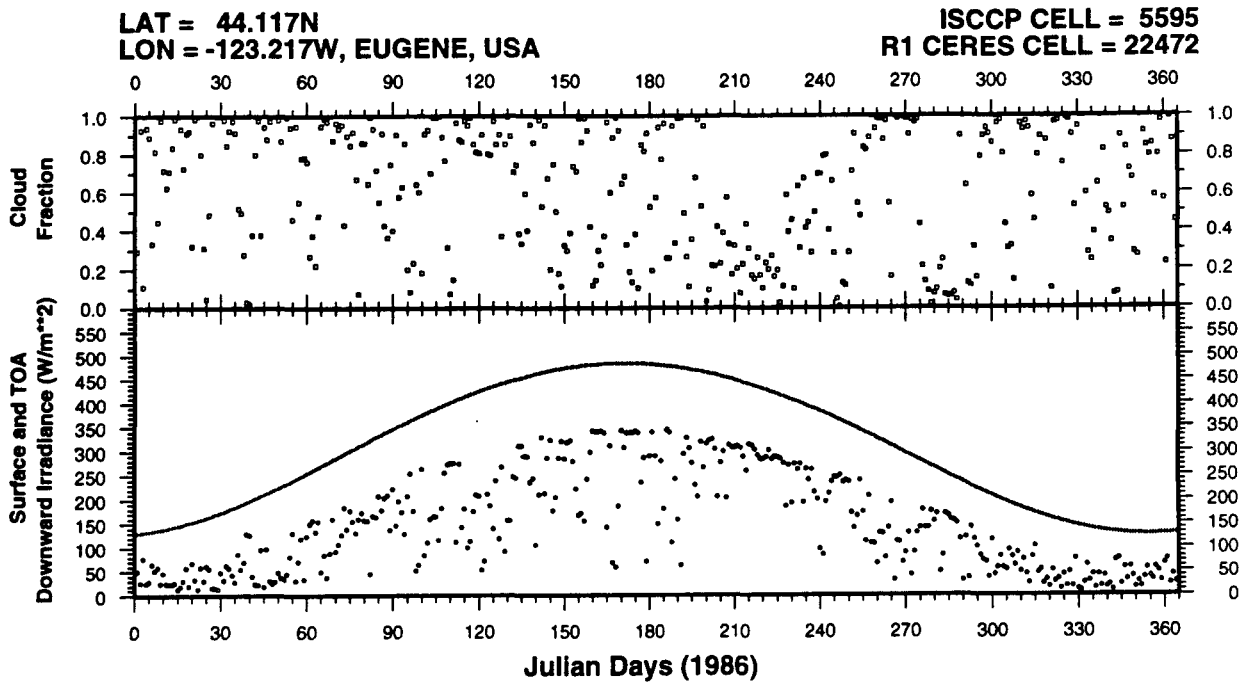
(···· = Ground Site Data, ···· = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B36. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SAVANNAH, USA.



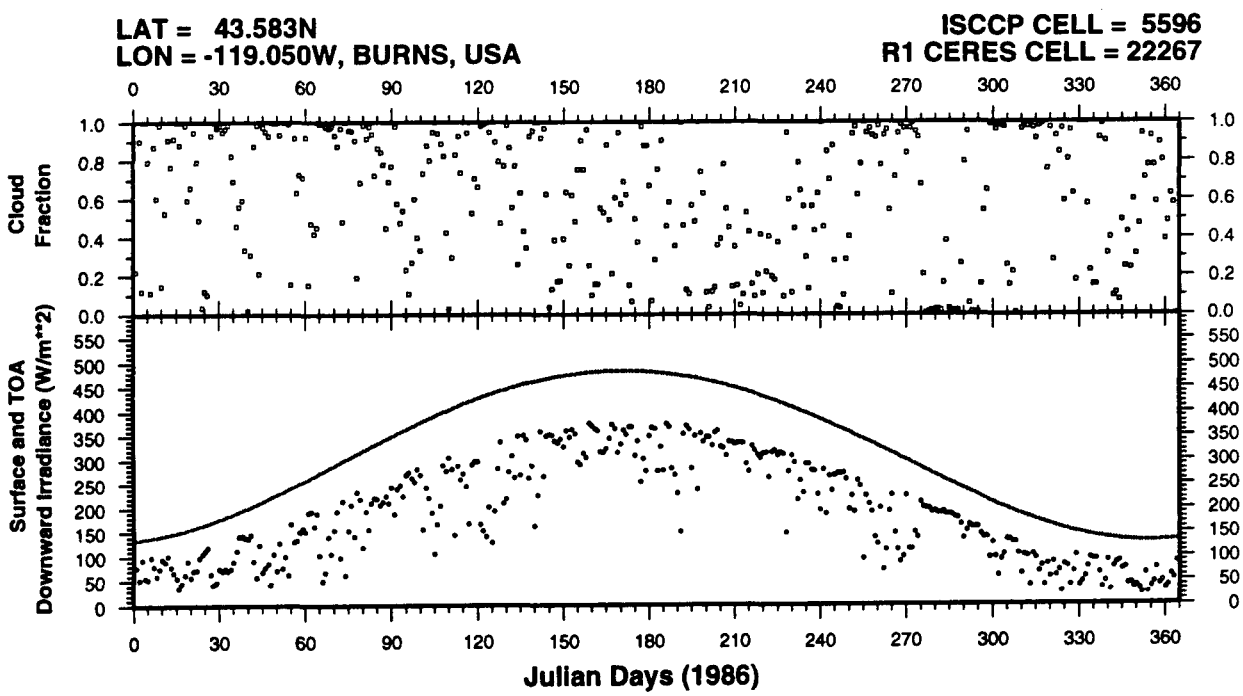
(···· = Ground Site Data, ···· = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure B37. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DAYTONA BEACH, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B38. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EUGENE, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B39. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BURNS, USA.

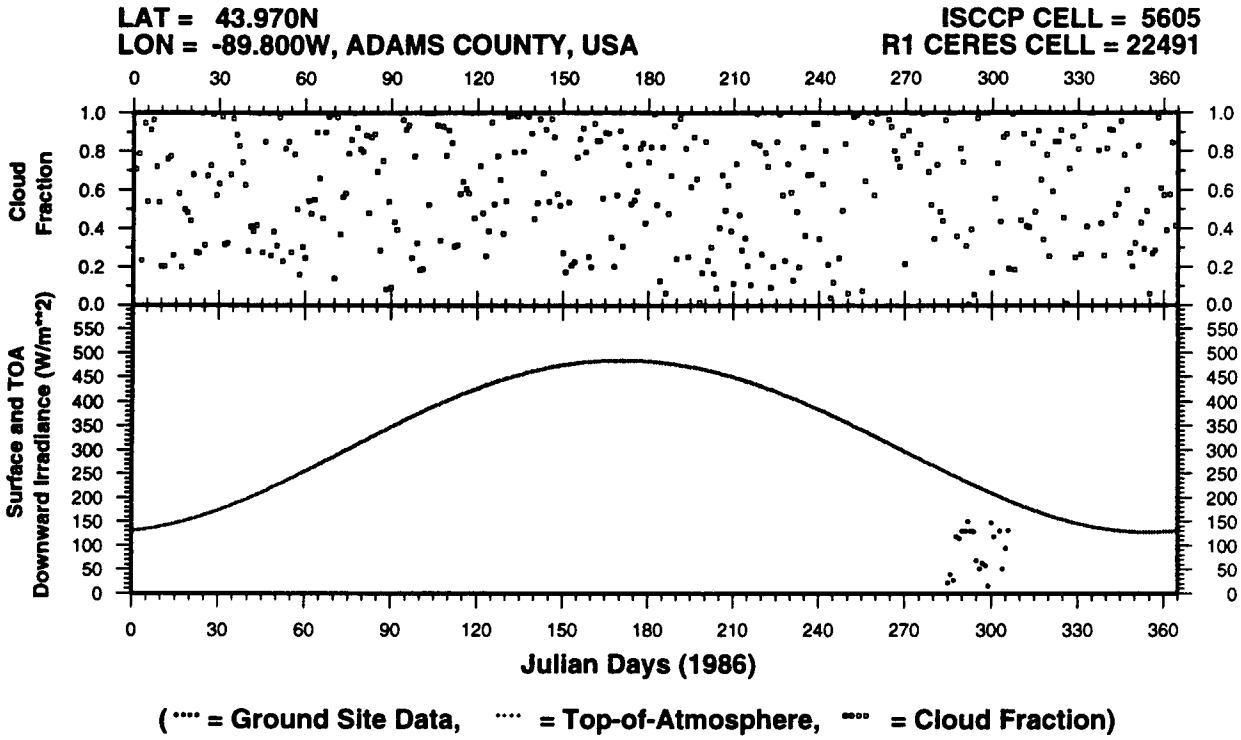


Figure B40. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ADAMS COUNTY, USA.

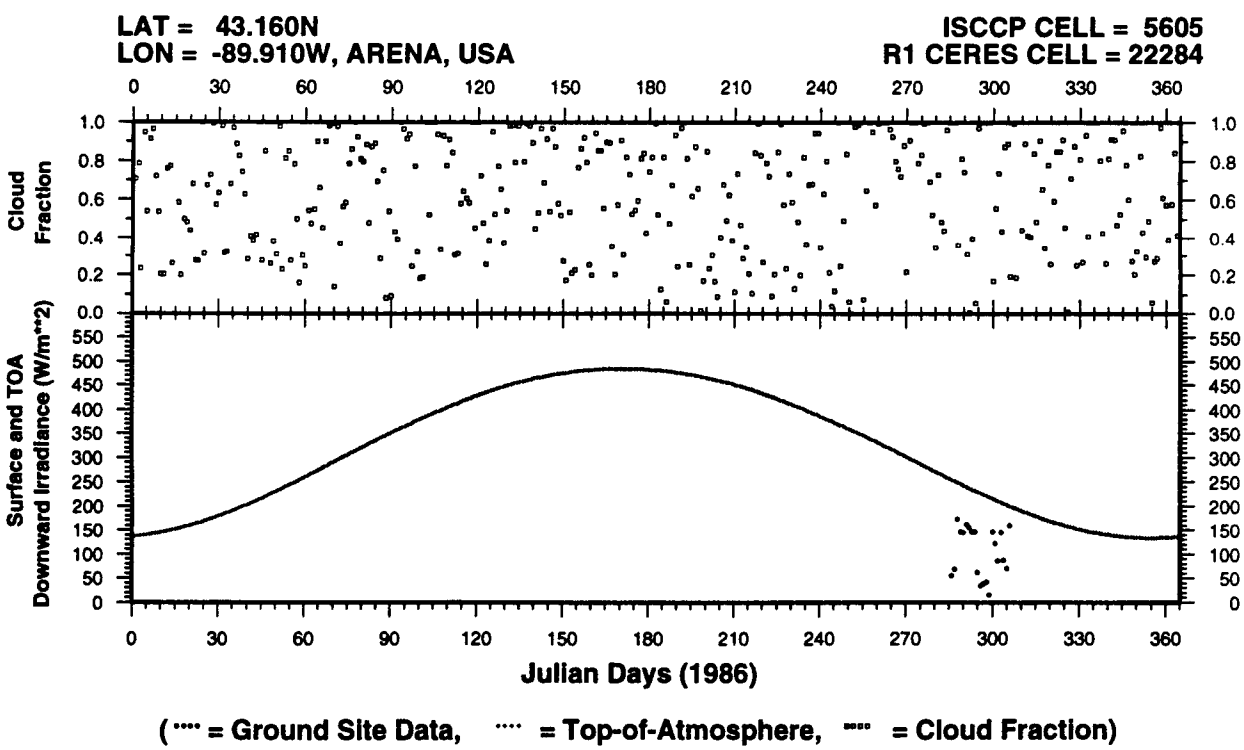
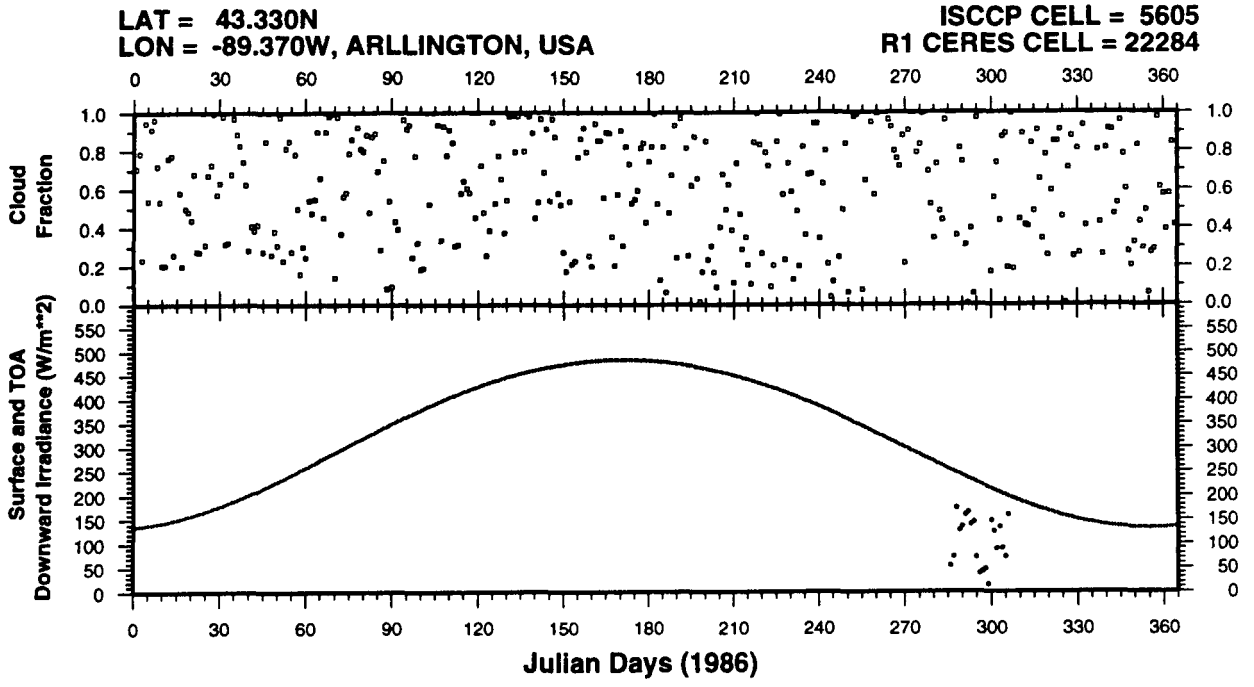
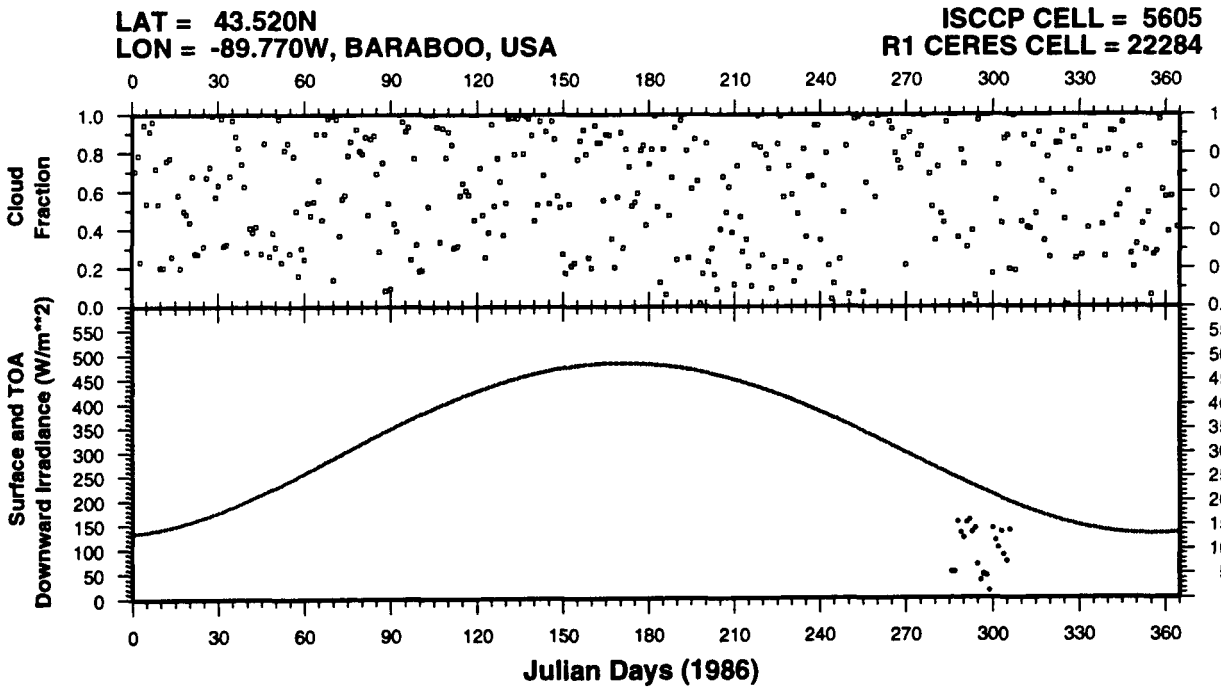


Figure B41. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ARENA, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B42. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ARLLINGTON, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B43. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BARABOO, USA.

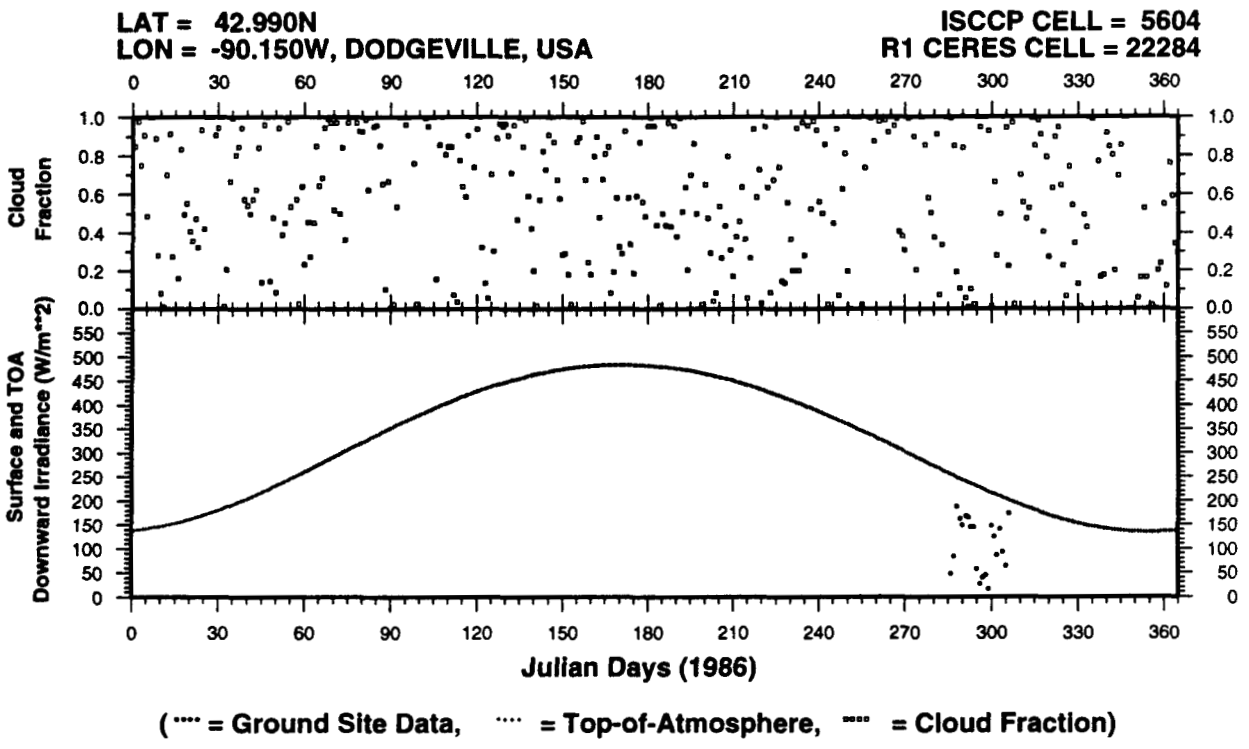


Figure B44. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DODGEVILLE, USA.

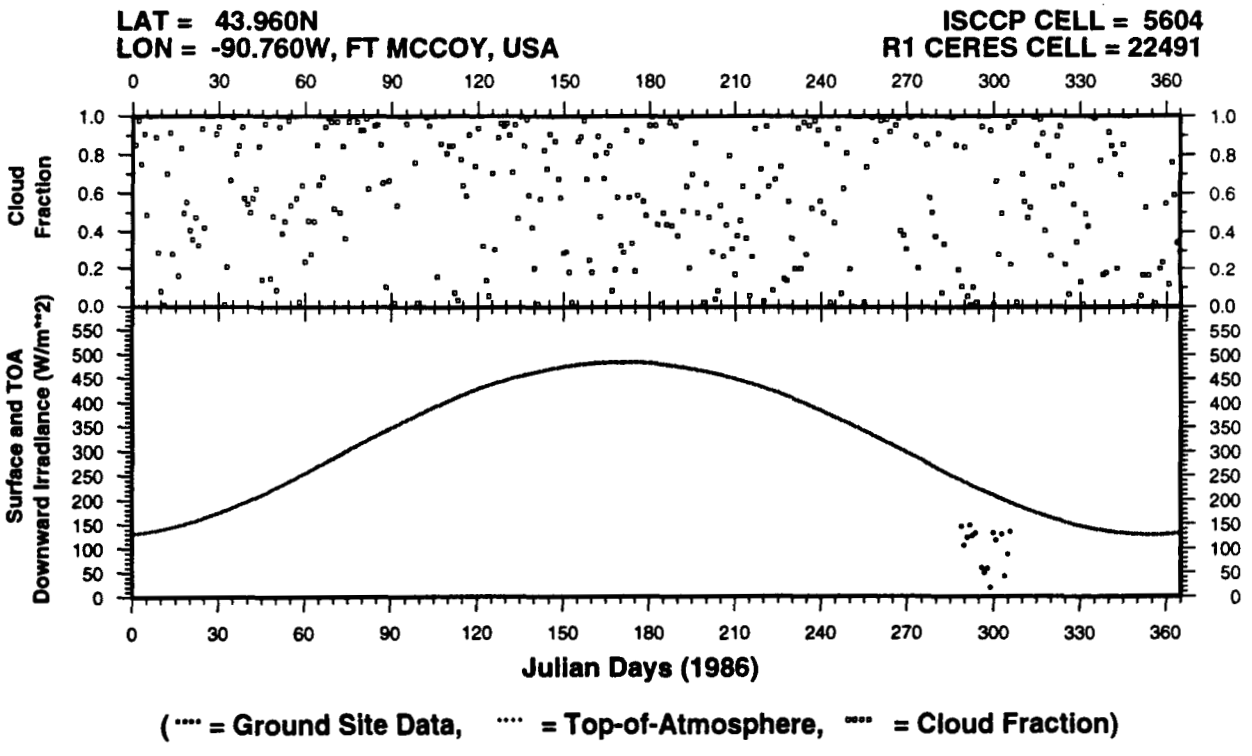
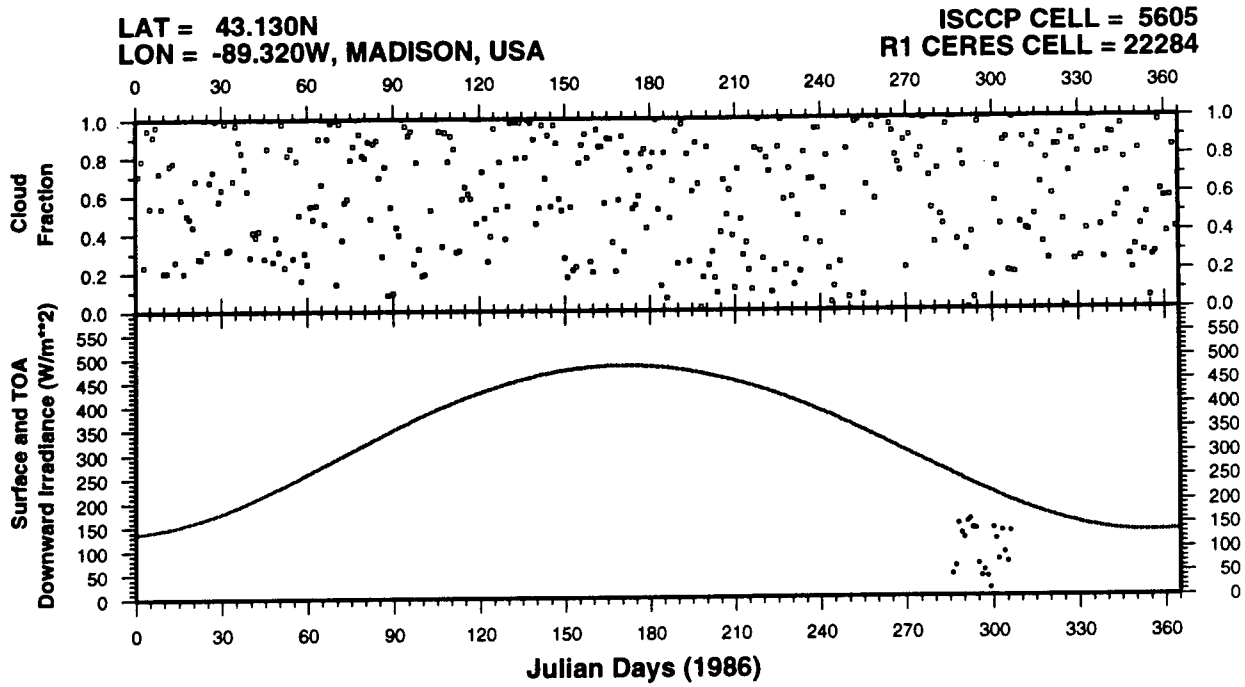
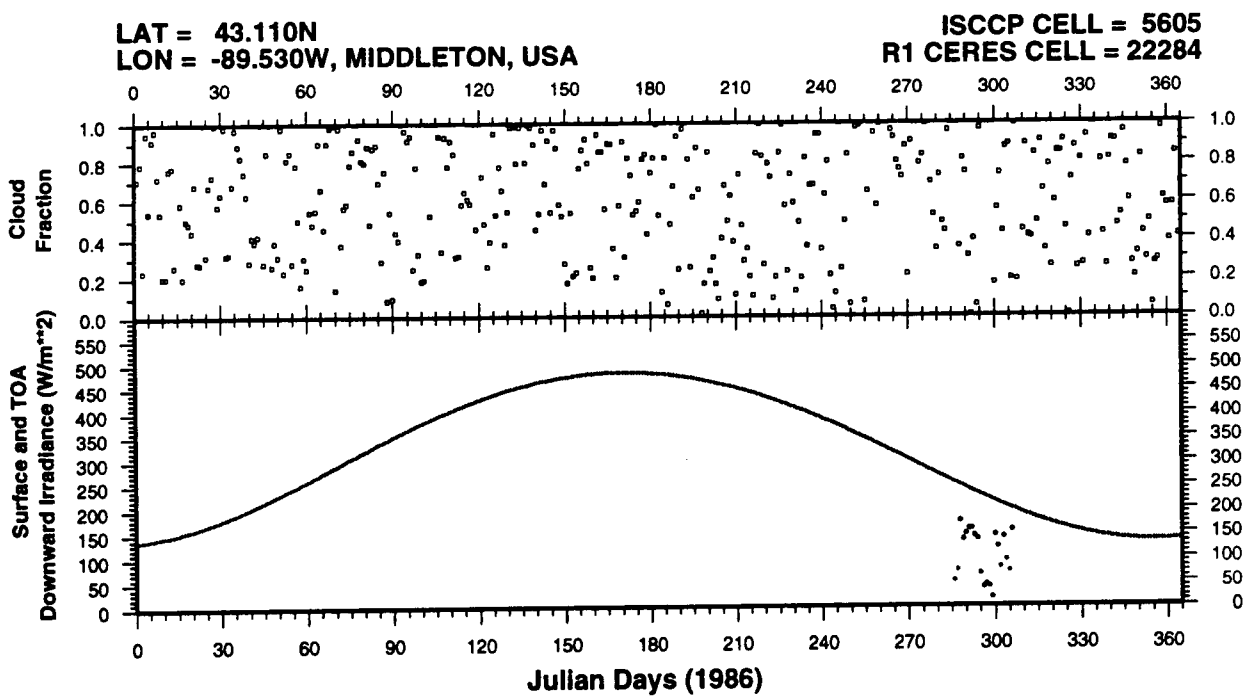


Figure B45. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FT MCCOY, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B46. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MADISON, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B47. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MIDDLETON, USA.

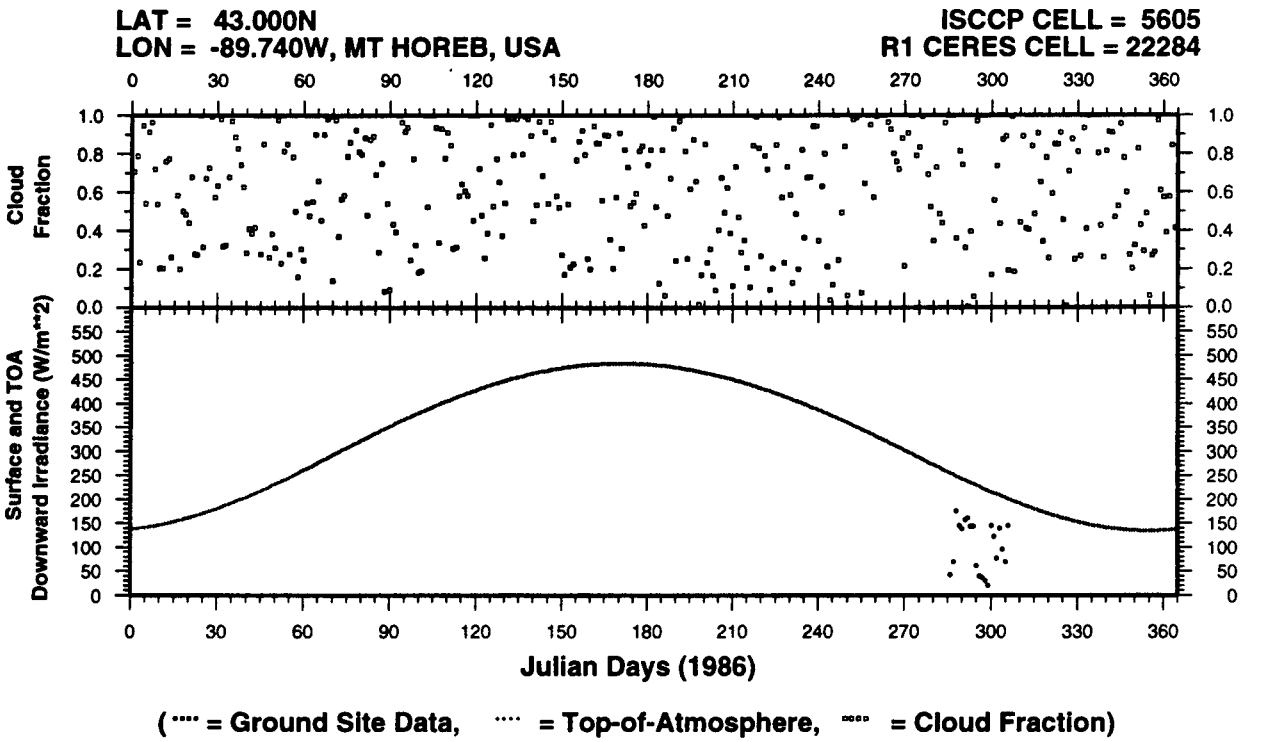


Figure B48. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MT HOREB, USA.

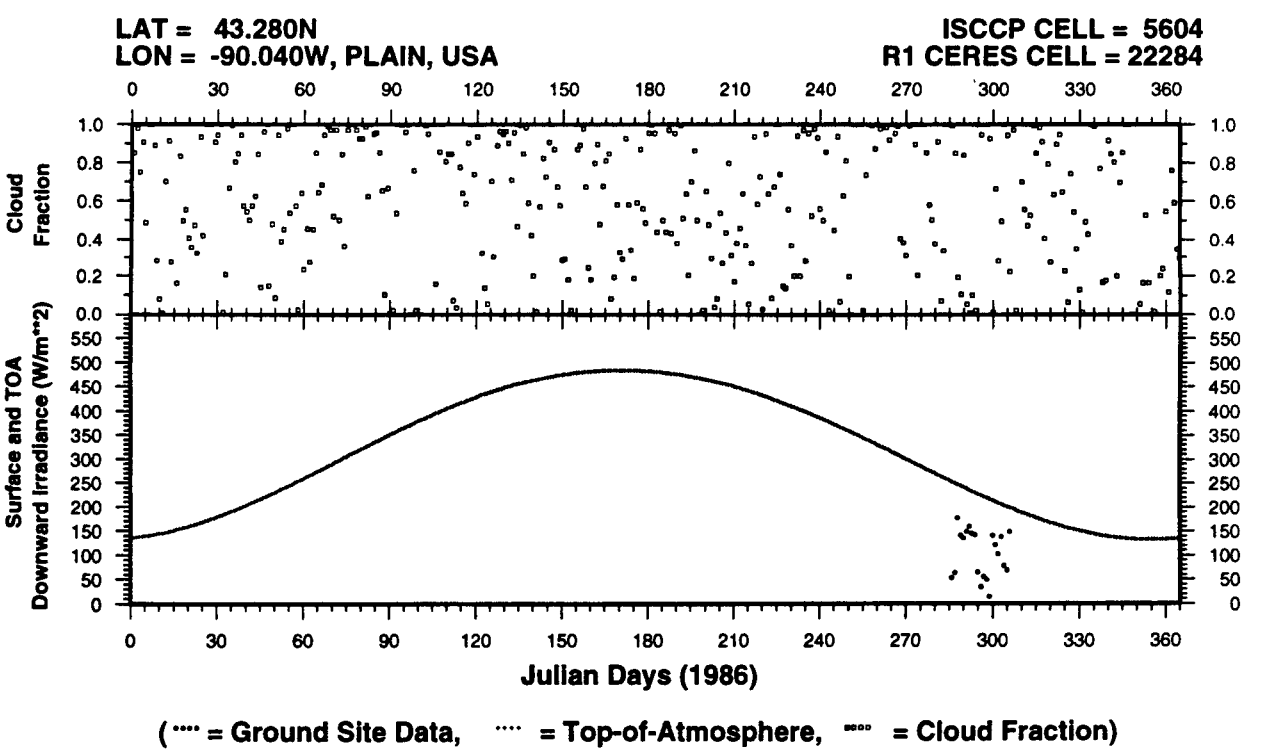
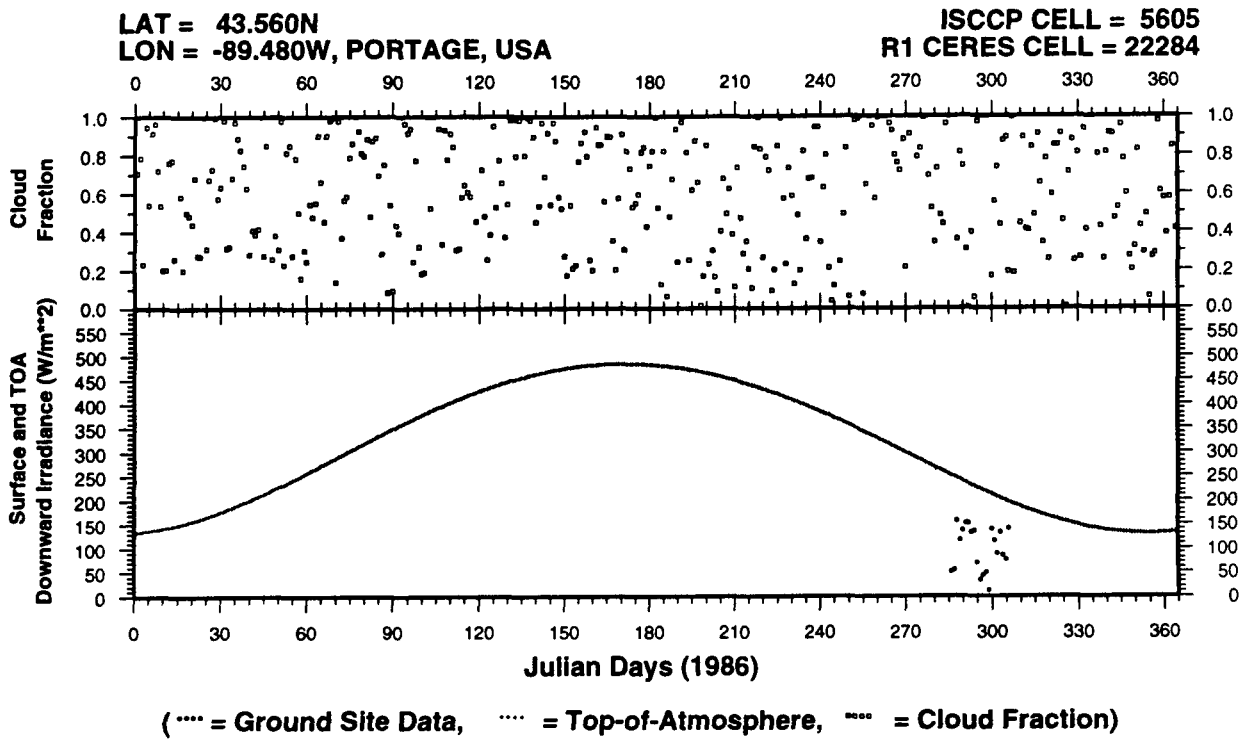
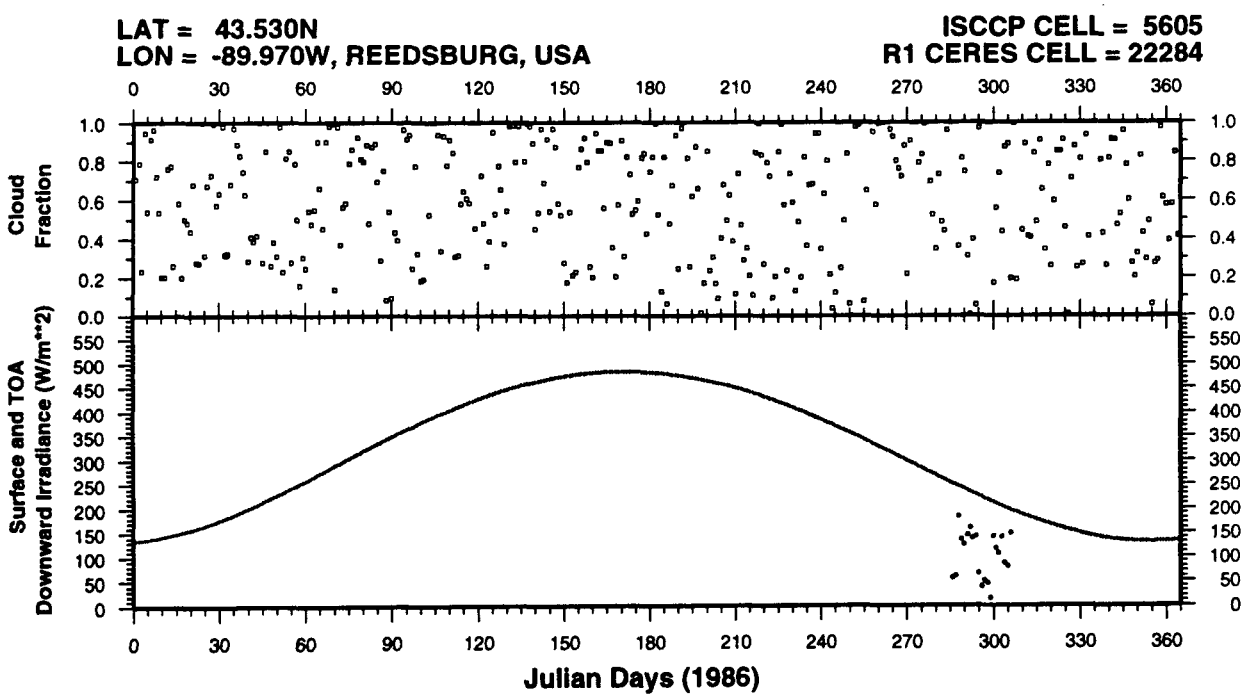


Figure B49. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PLAIN, USA.



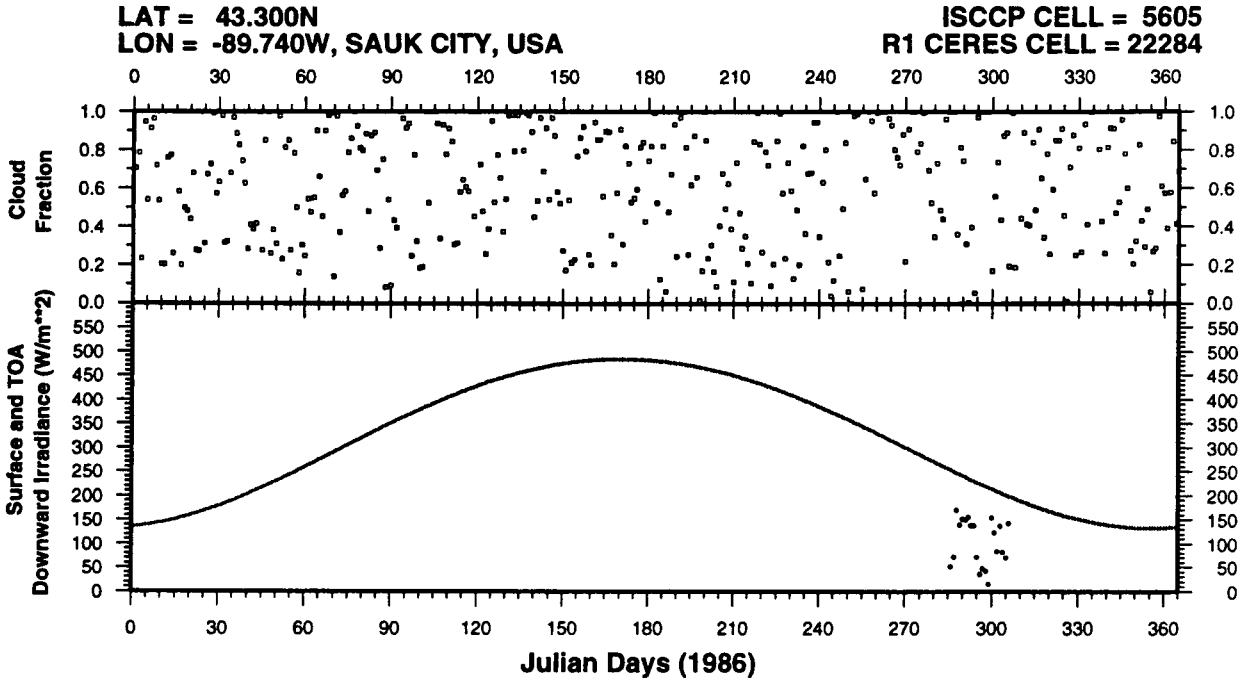
(= Ground Site Data, = Top-of-Atmosphere, = Cloud Fraction)

Figure B50. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PORTAGE, USA.



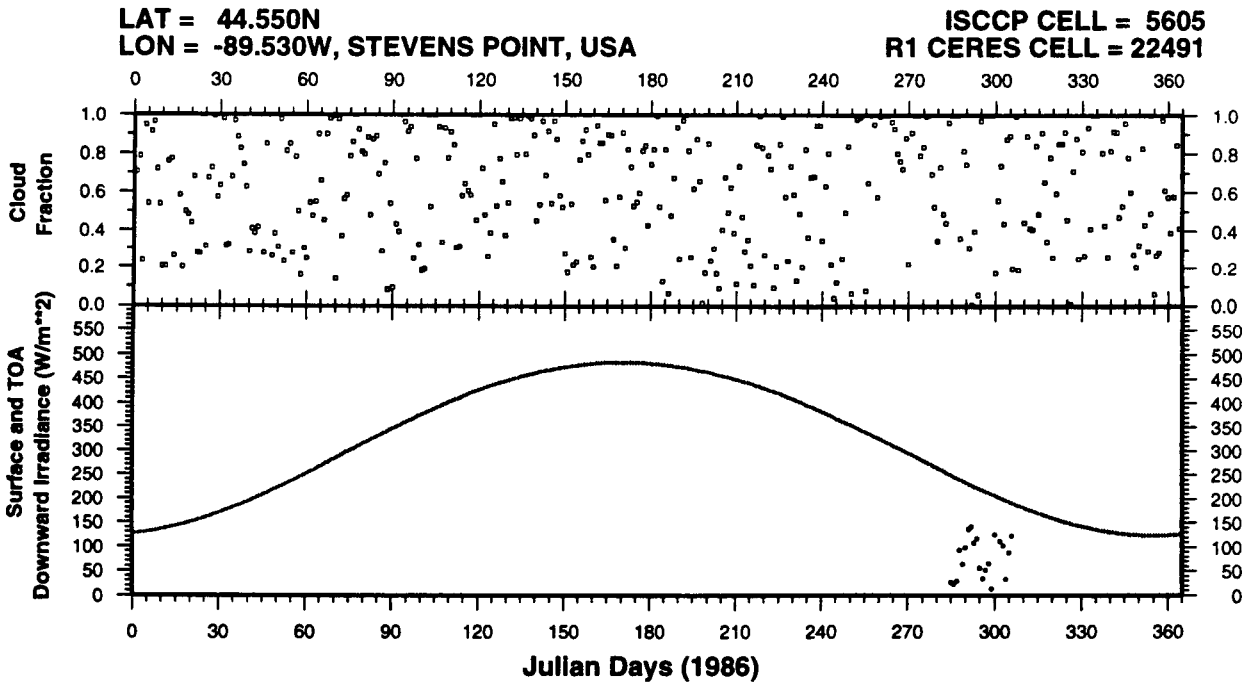
(= Ground Site Data, = Top-of-Atmosphere, = Cloud Fraction)

Figure B51. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for REEDSBURG, USA.



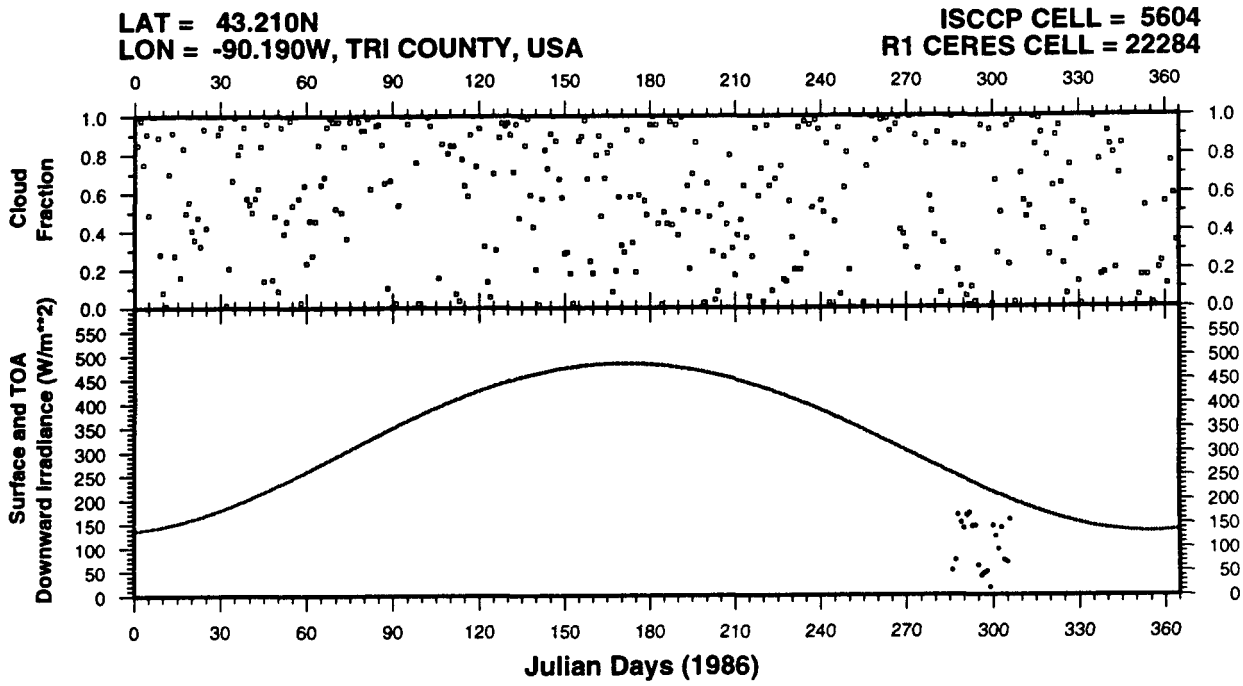
(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B52. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SAUK CITY, USA.



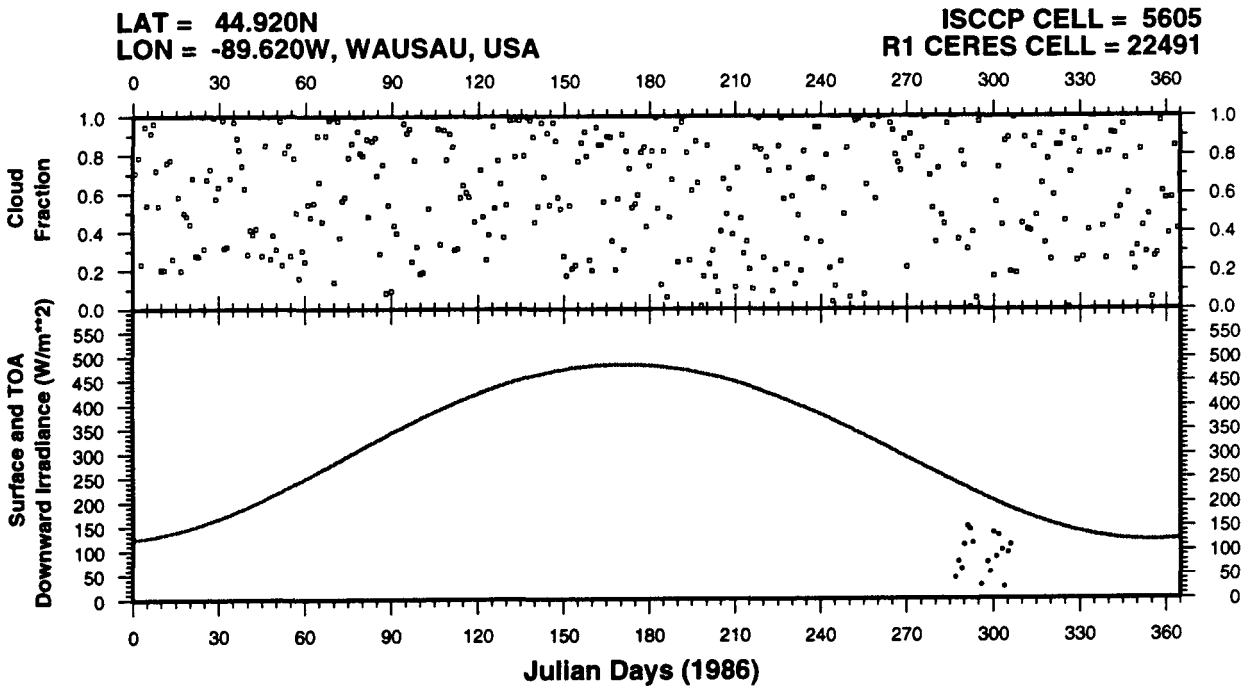
(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B53. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for STEVENS POINT, USA.



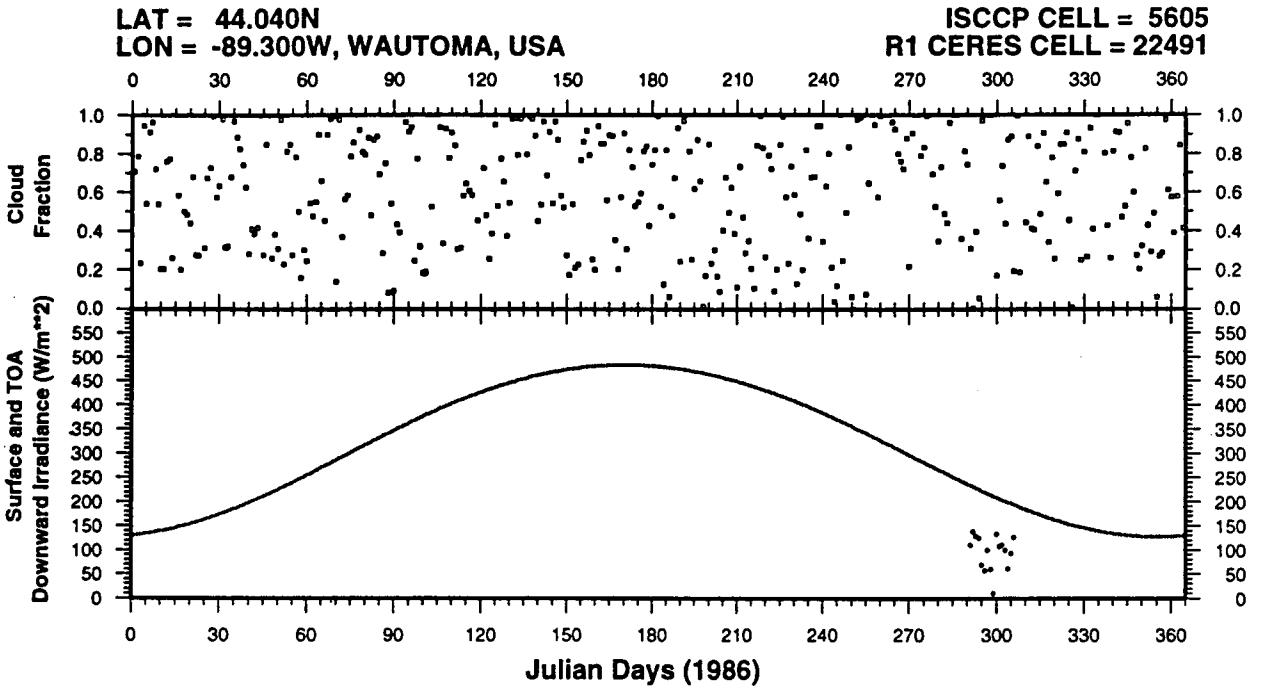
(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B54. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRI COUNTY, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B55. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WAUSAU, USA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure B56. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WAUTOMA, USA.

Appendix C

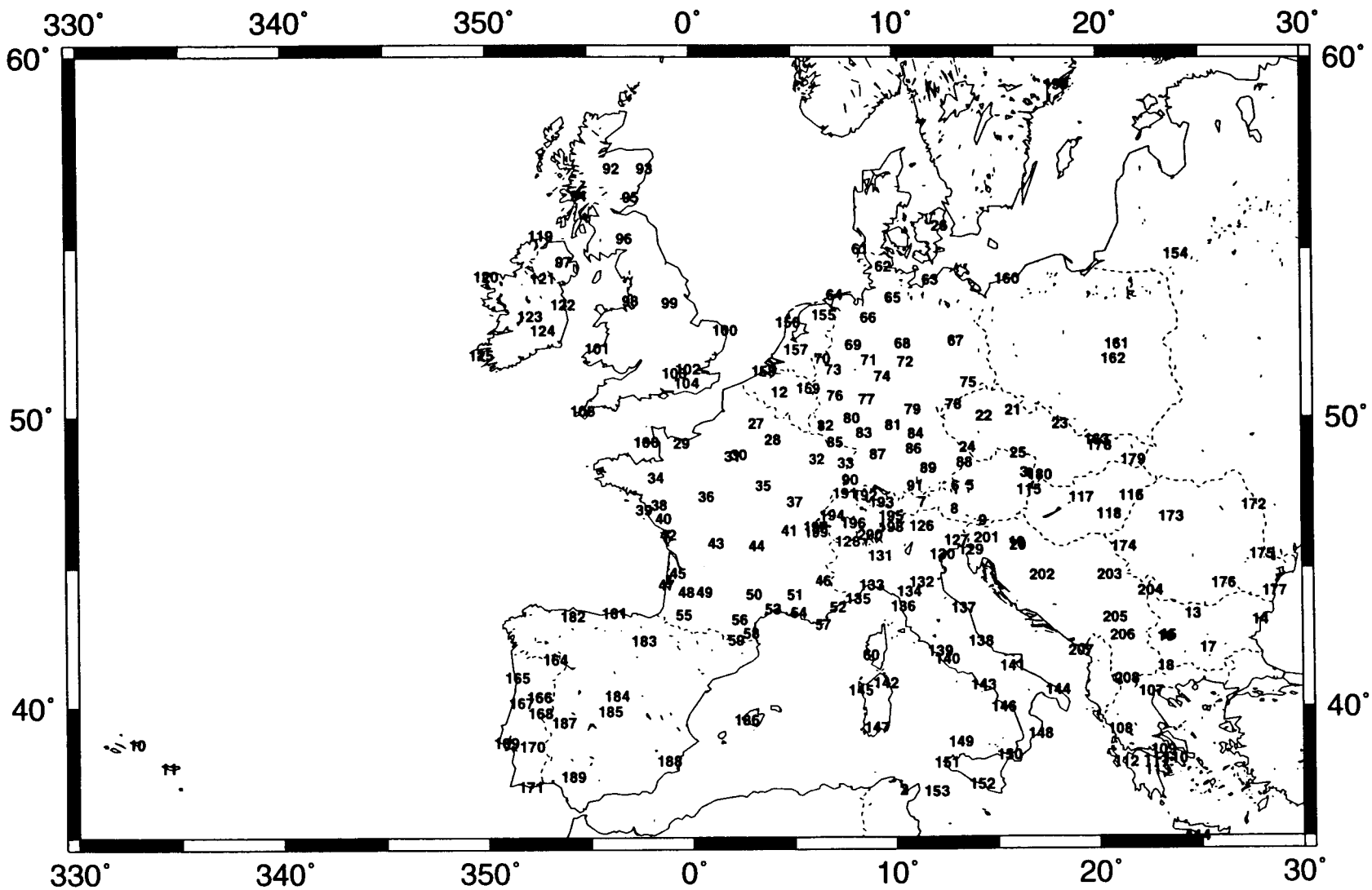
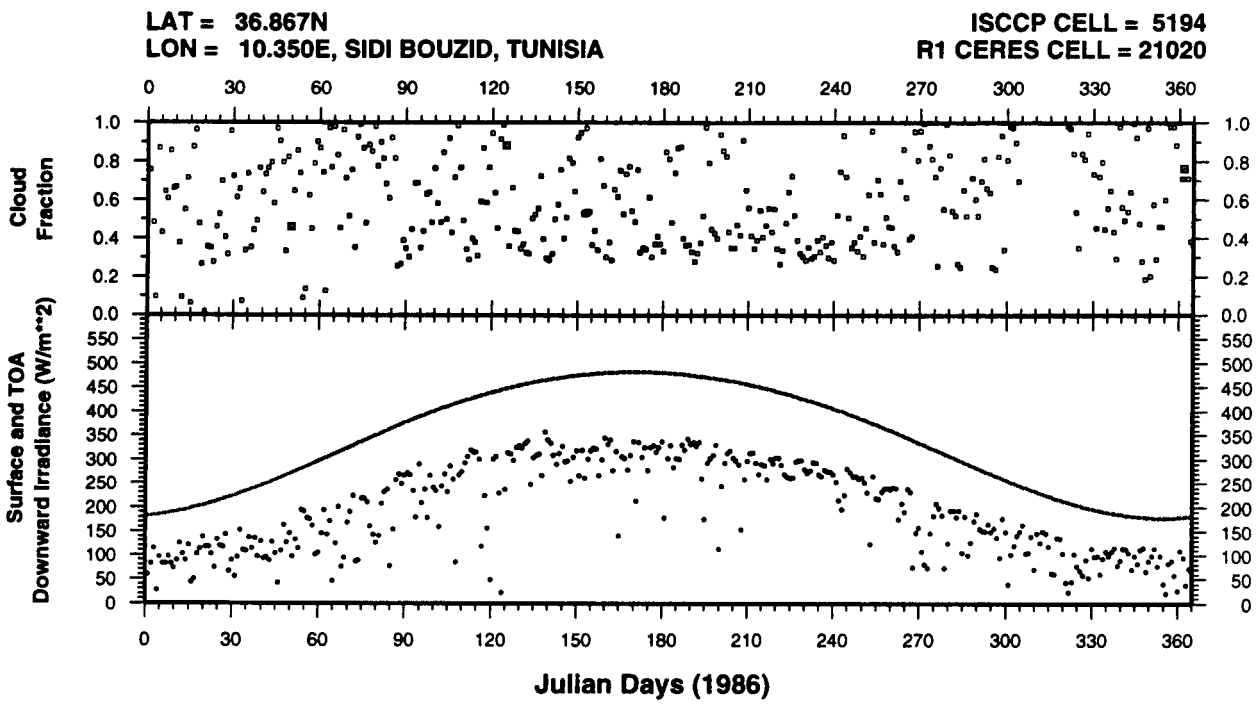
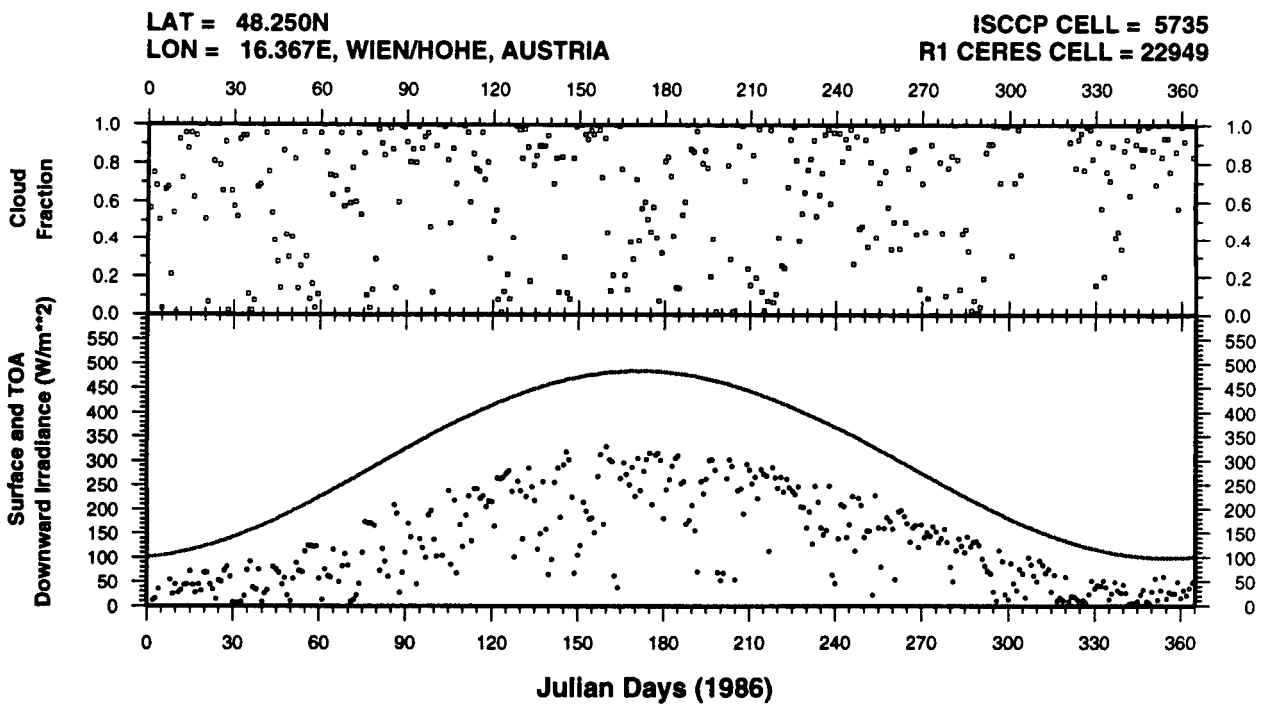


Figure C1. Ground truth sites for region C.



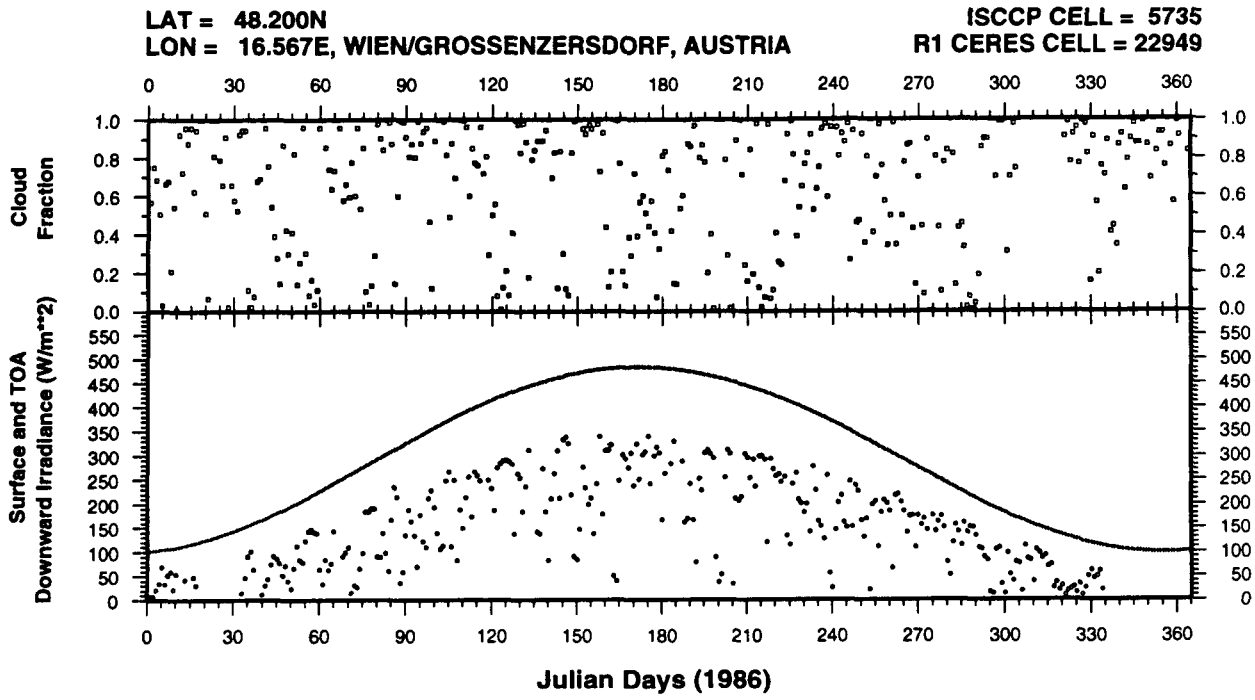
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SIDI BOUZID, TUNISIA.



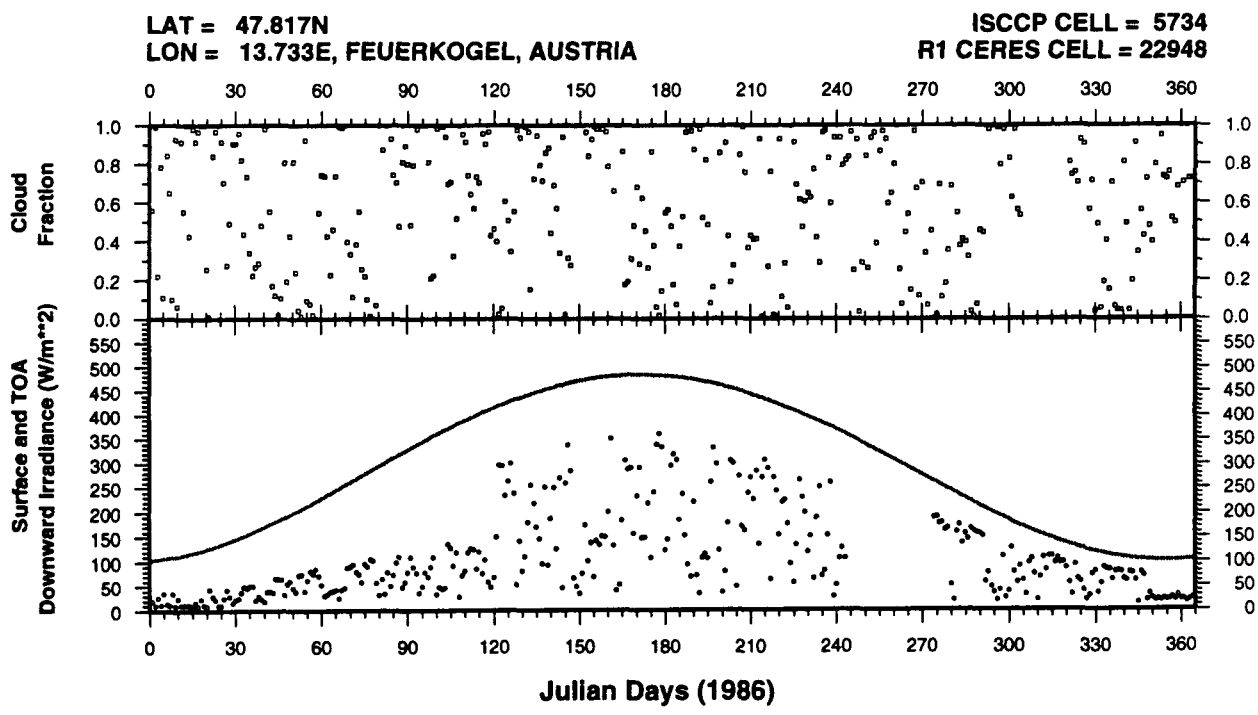
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WIEN/HOHE, AUSTRIA.



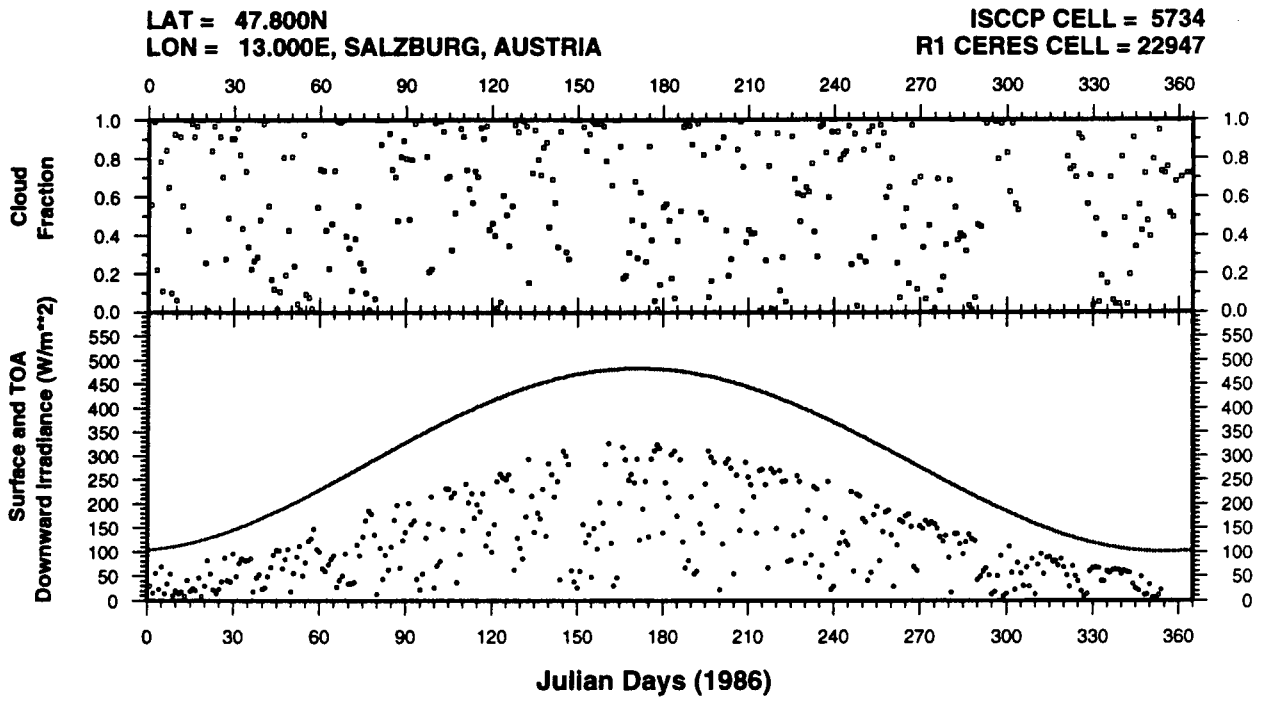
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WIEN/GROSSENZERSDORF, AUSTRIA.



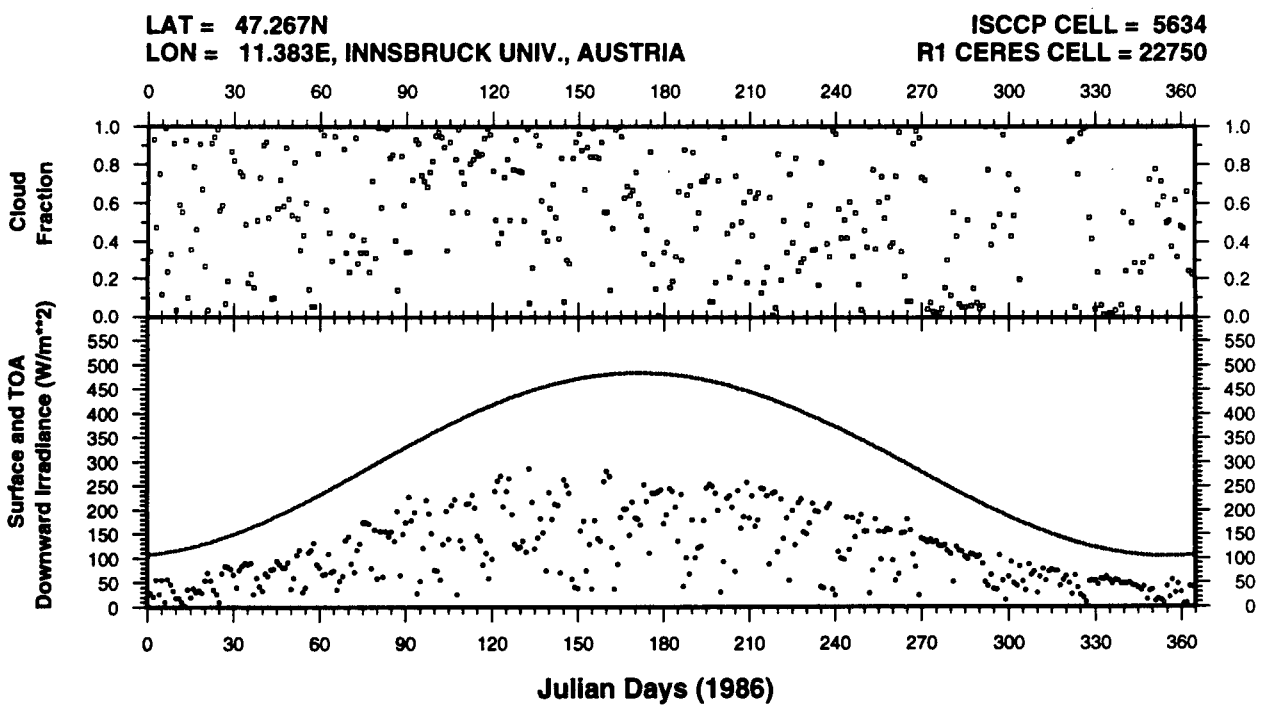
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FEUERKOGEL, AUSTRIA.



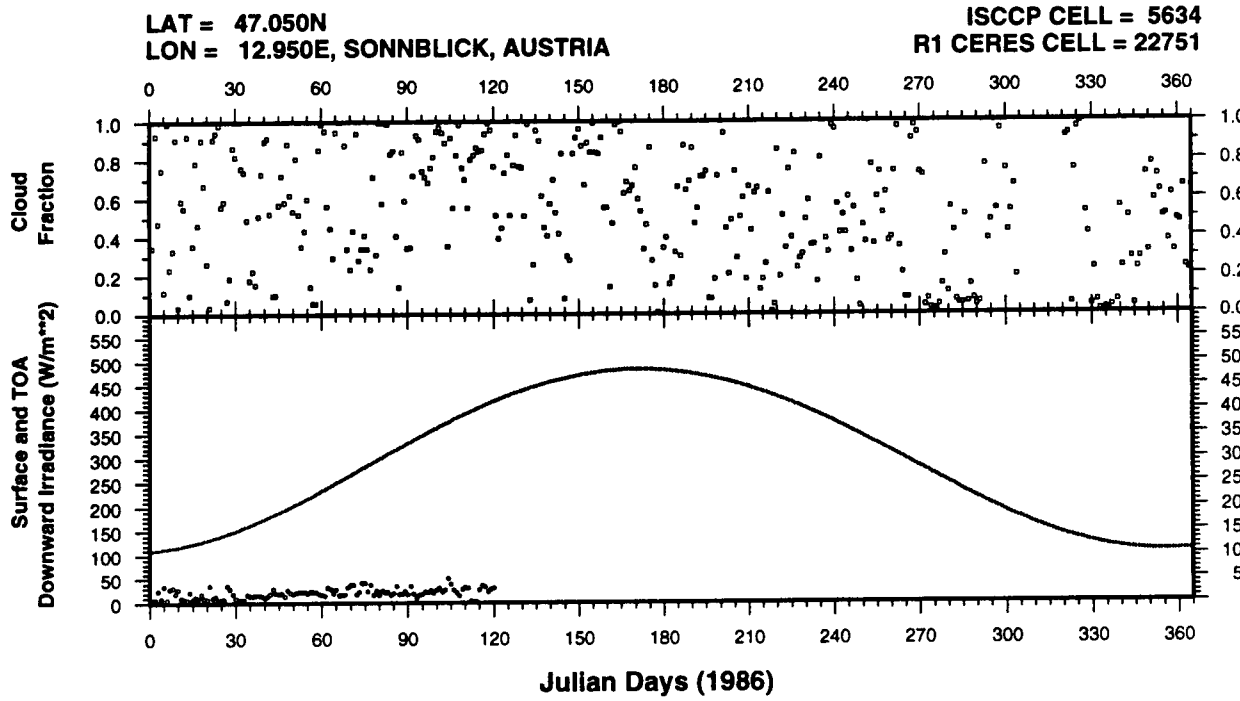
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SALZBURG, AUSTRIA.



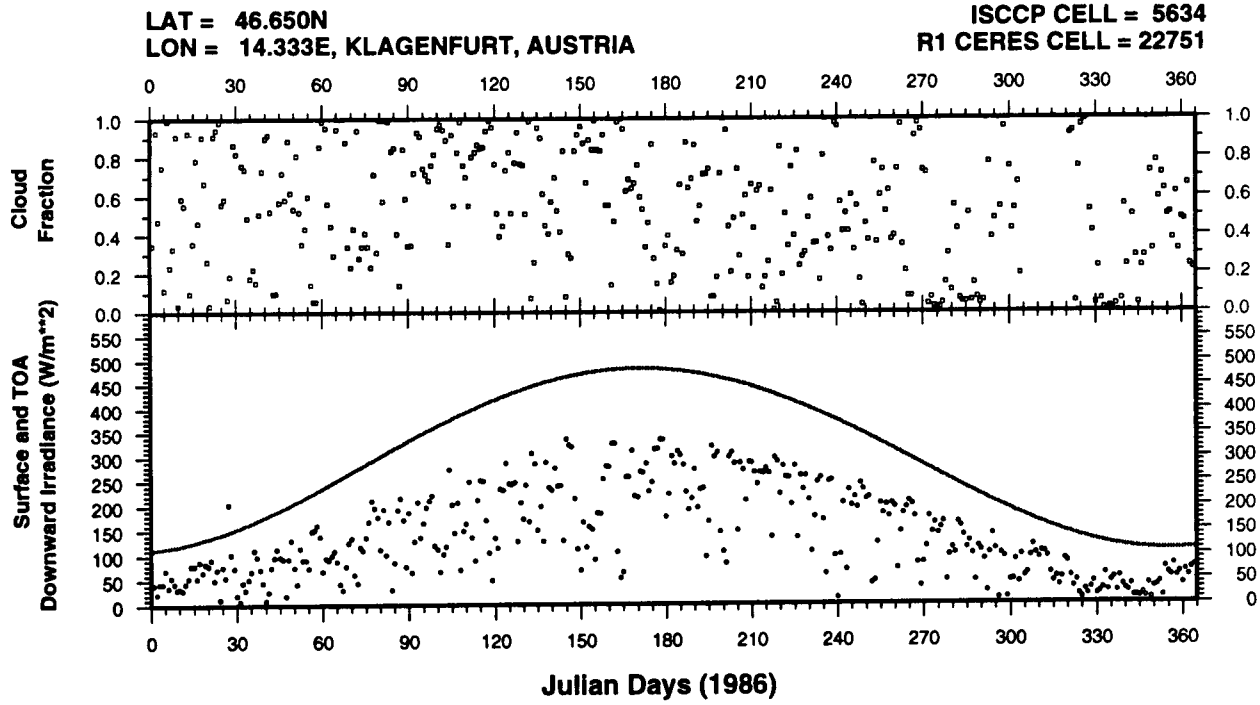
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for INNSBRUCK UNIV., AUSTRIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SONNBLICK, AUSTRIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KLAGENFURT, AUSTRIA.

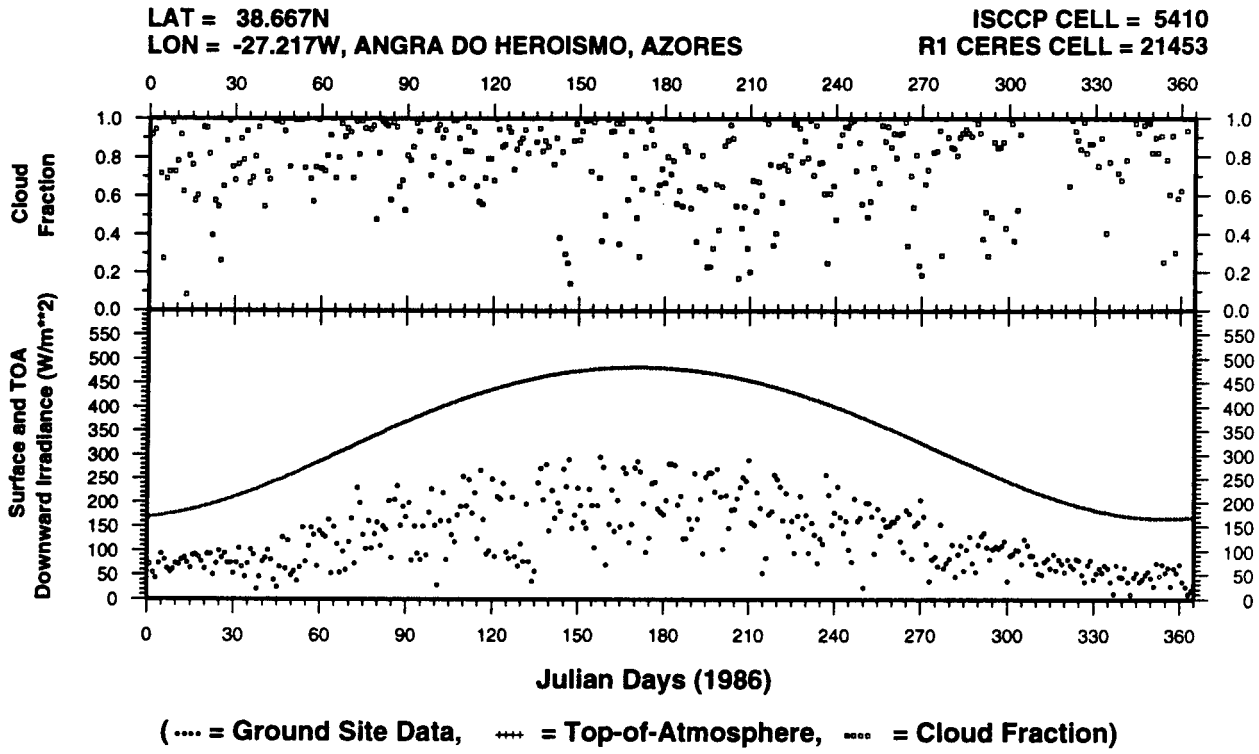


Figure C10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ANGRA DO HEROISMO, AZORES.

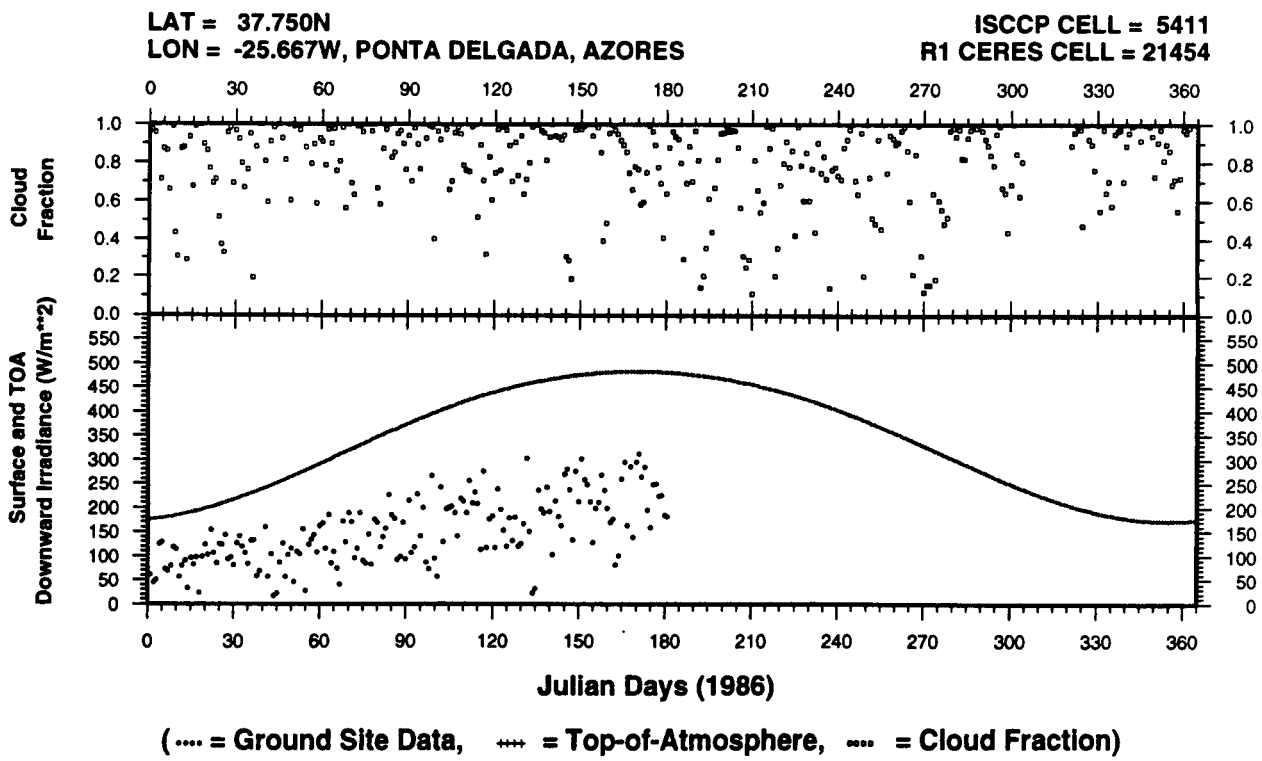
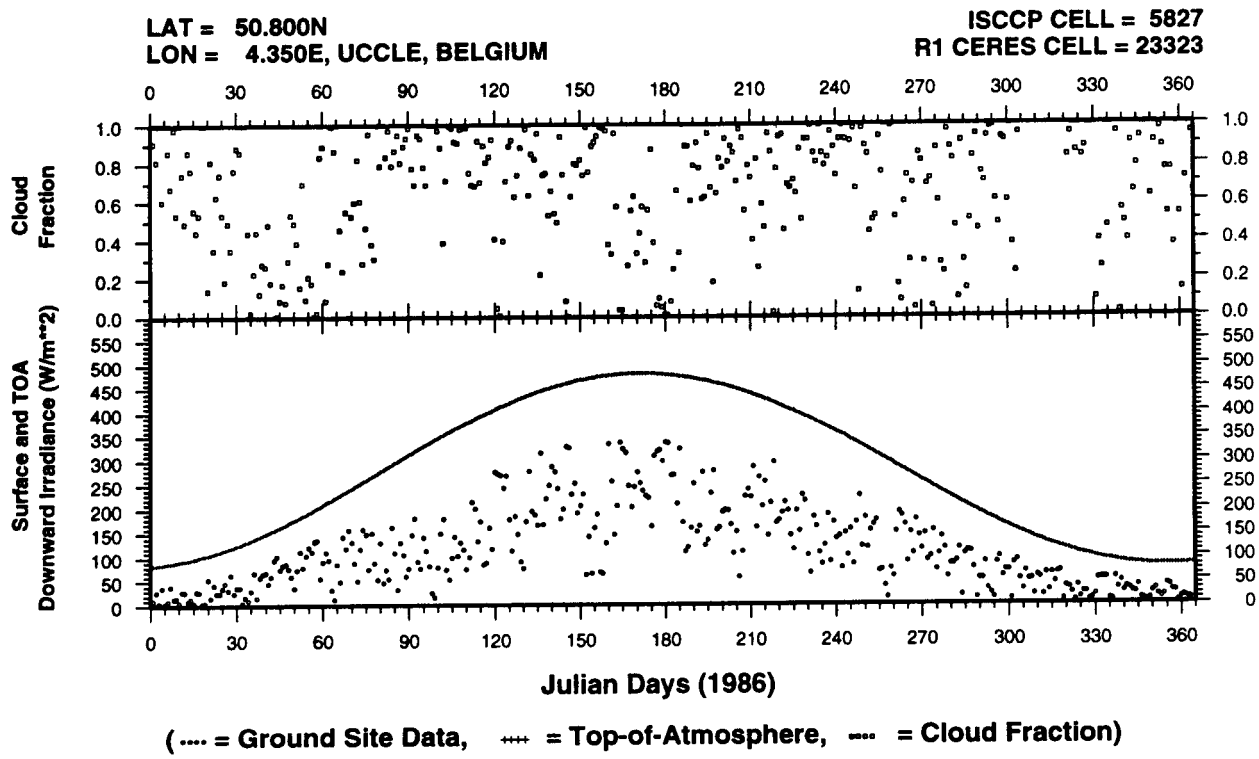
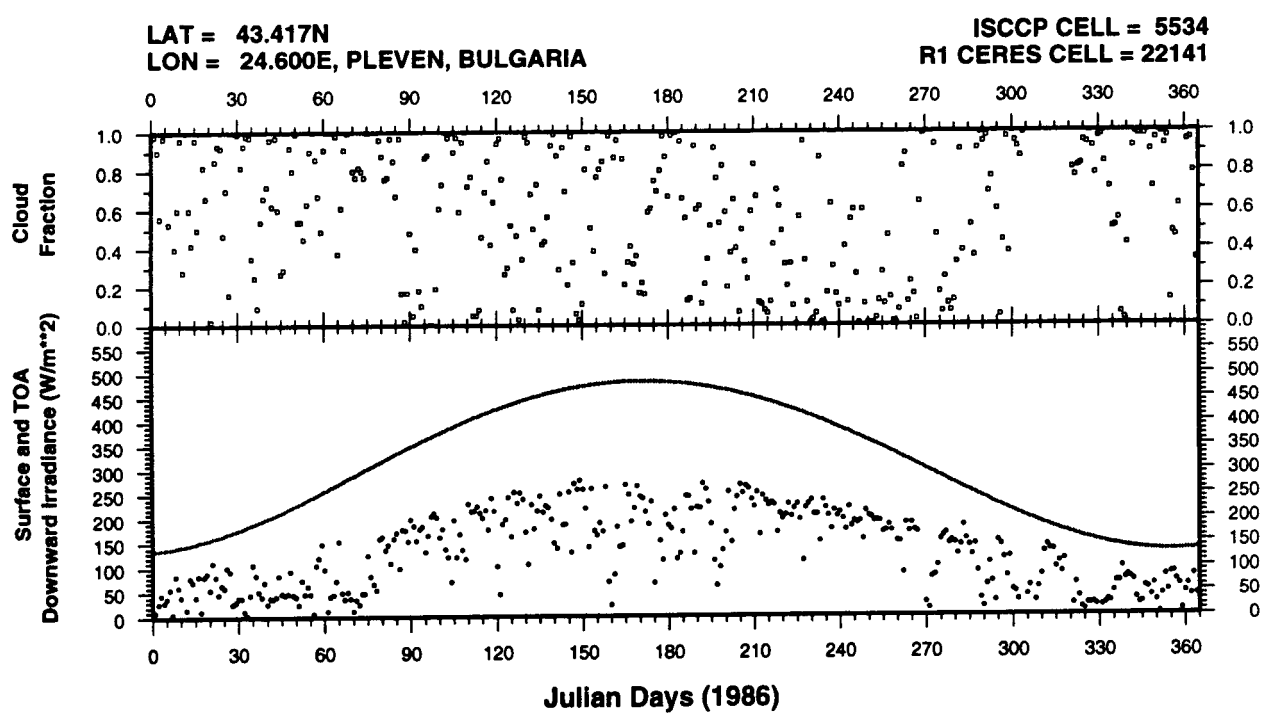


Figure C11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PONTA DELGADA, AZORES.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for UCCLE, BELGIUM.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PLEVEN, BULGARIA.

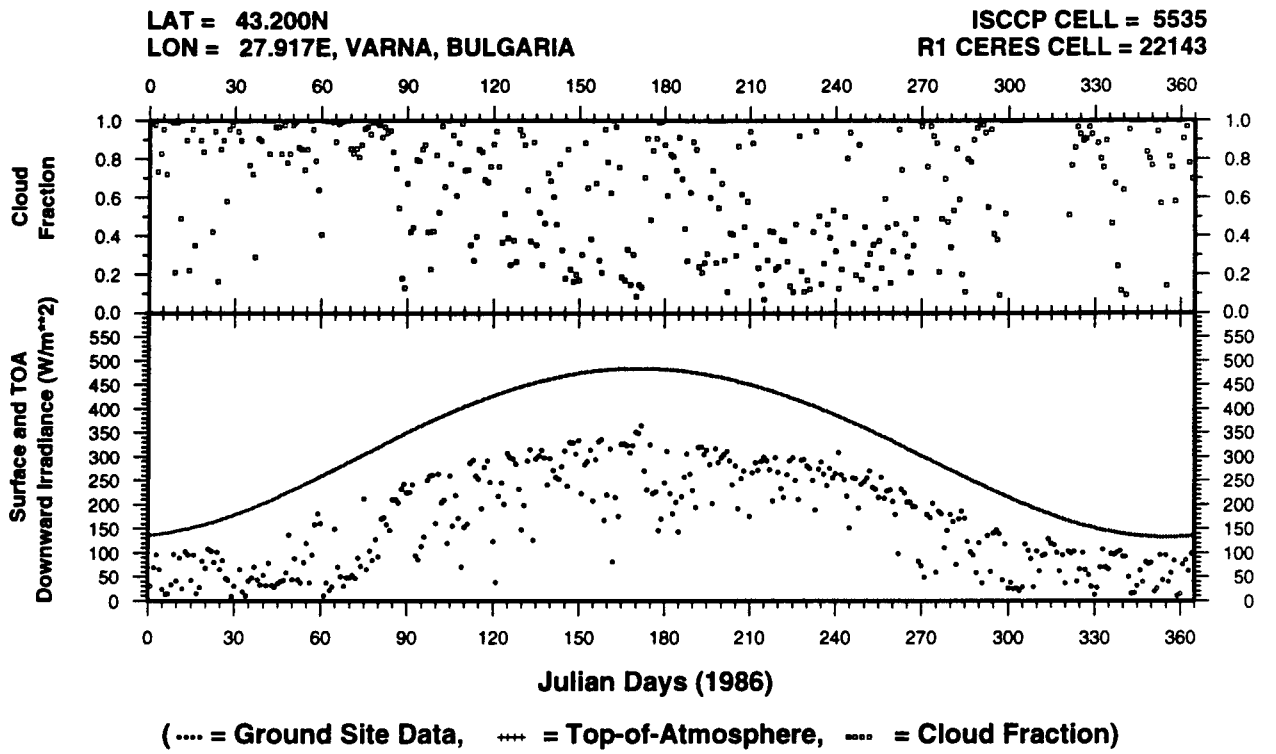


Figure C14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VARNA, BULGARIA.

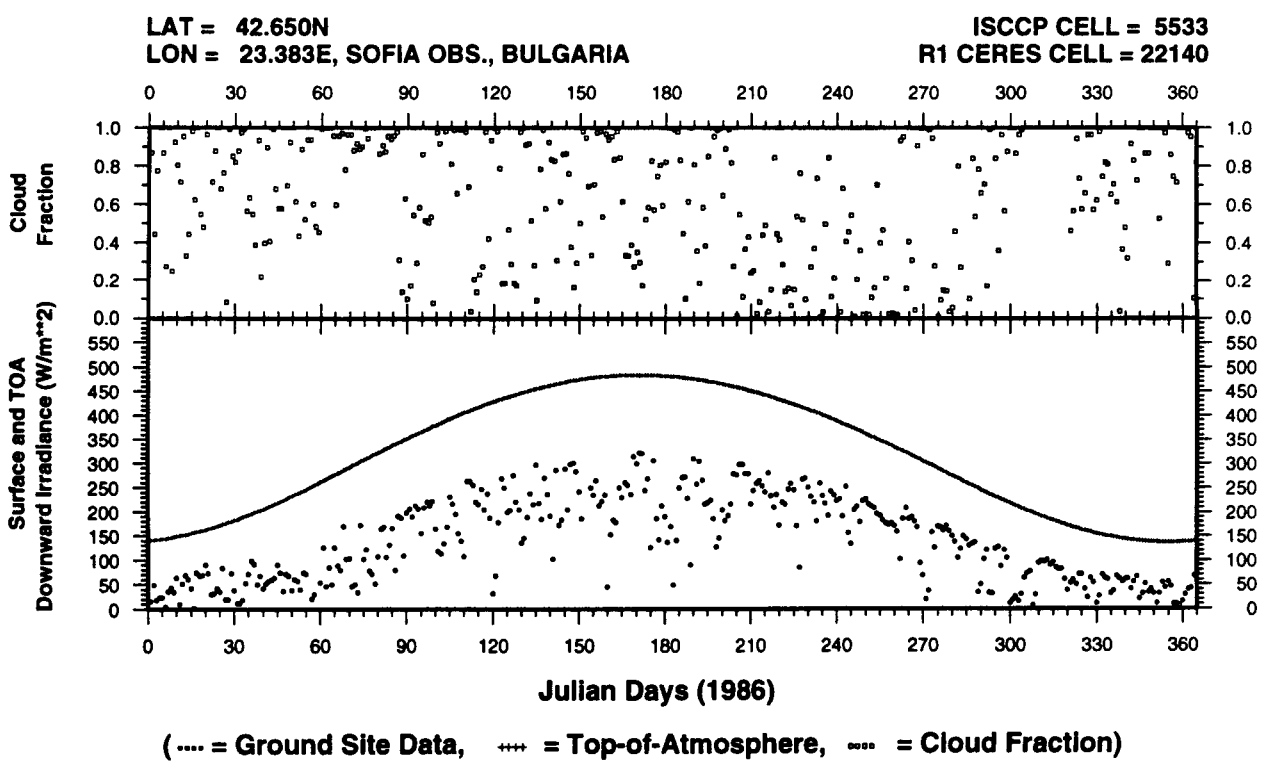
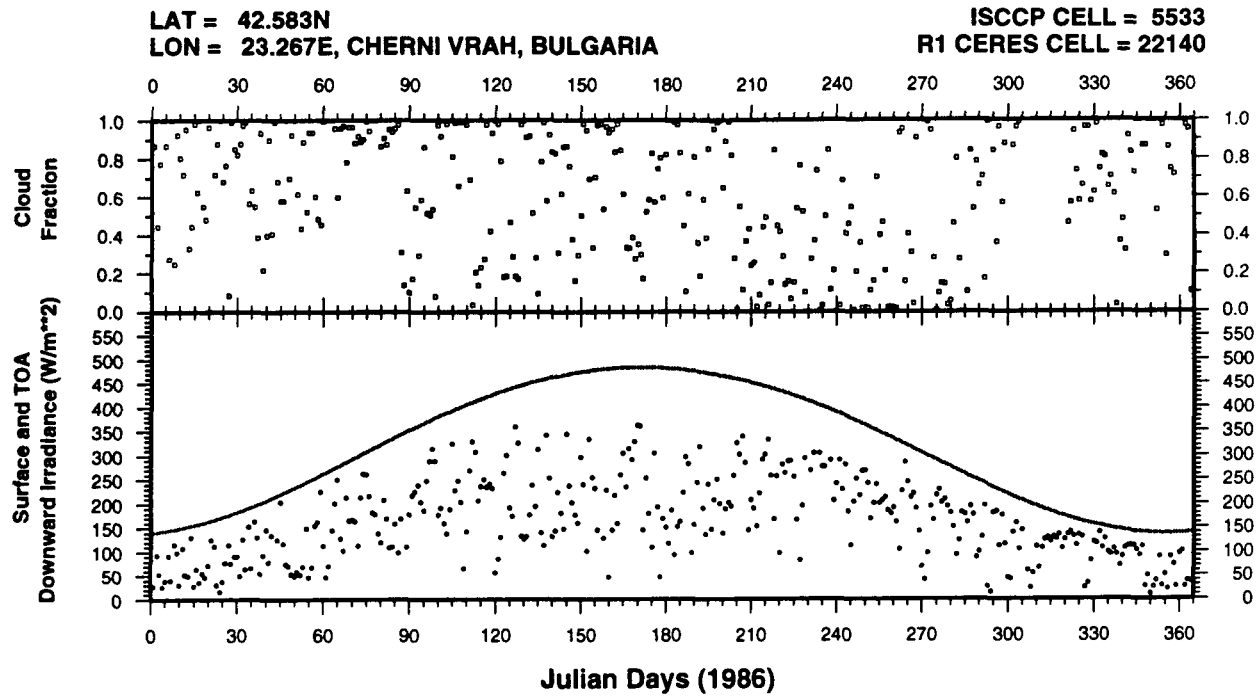
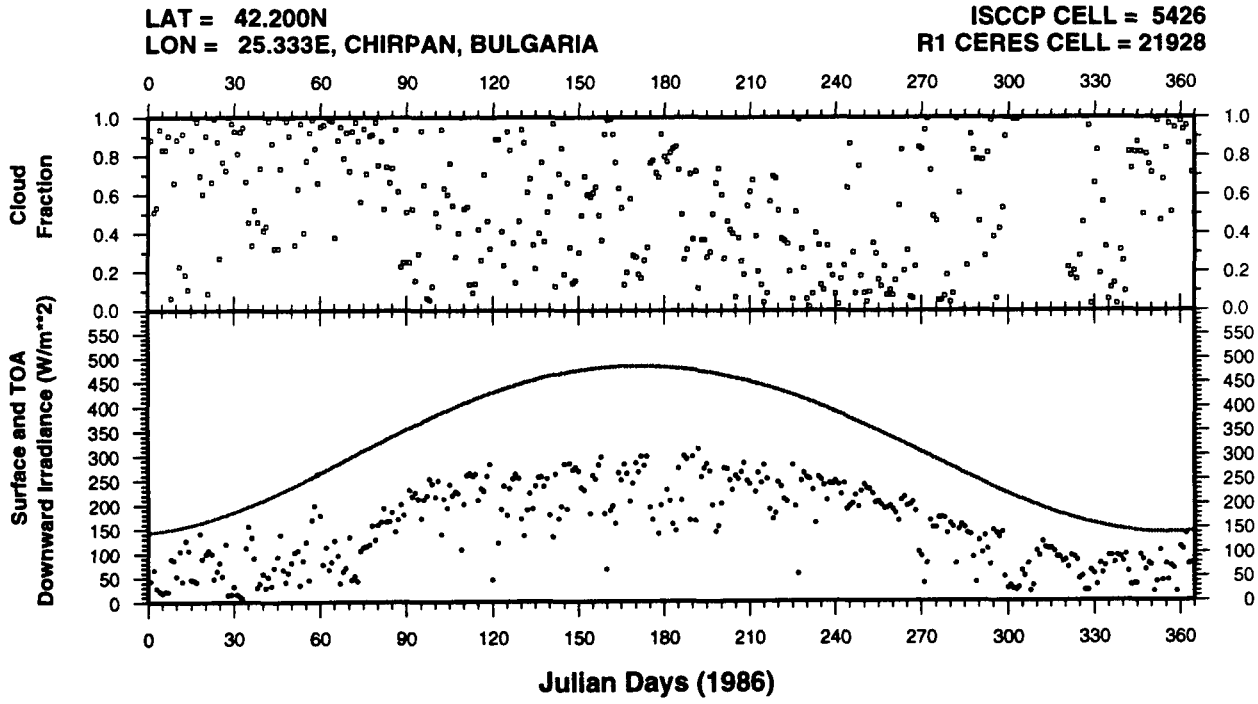


Figure C15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SOFIA OBS., BULGARIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHERNI VRAH, BULGARIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHIRPAN, BULGARIA.

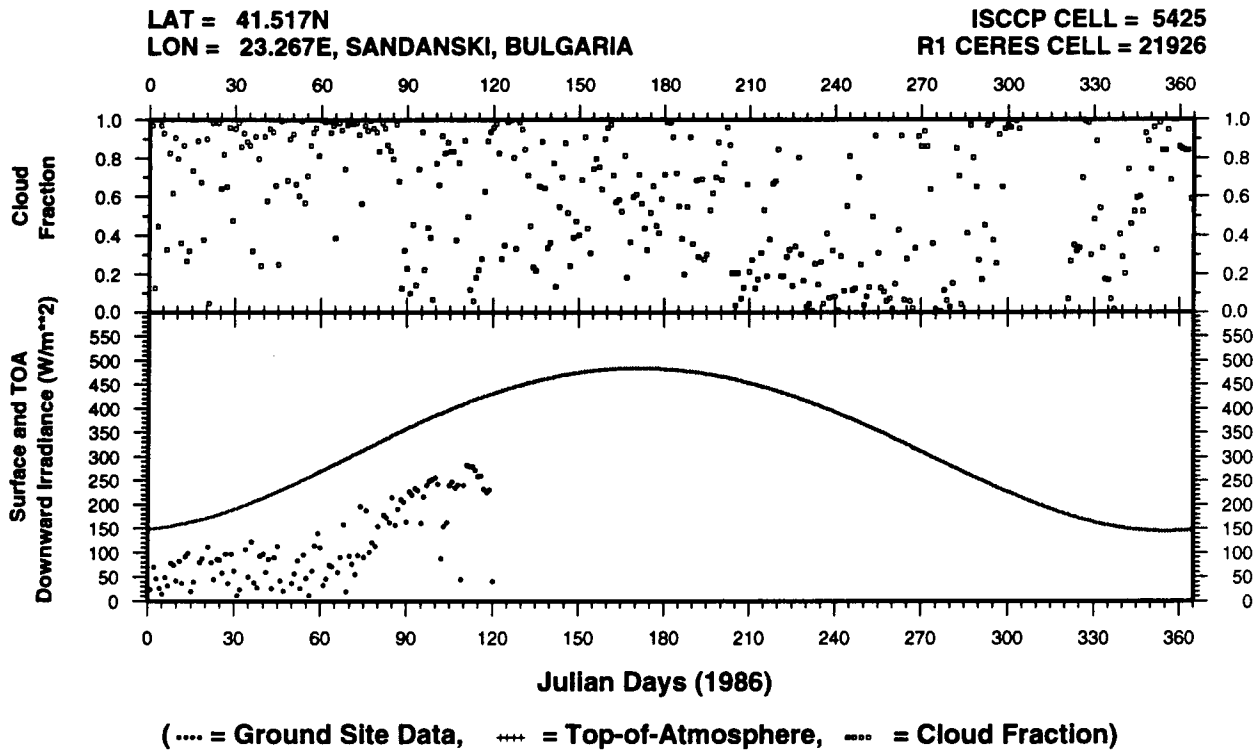


Figure C18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SANDANSKI, BULGARIA.

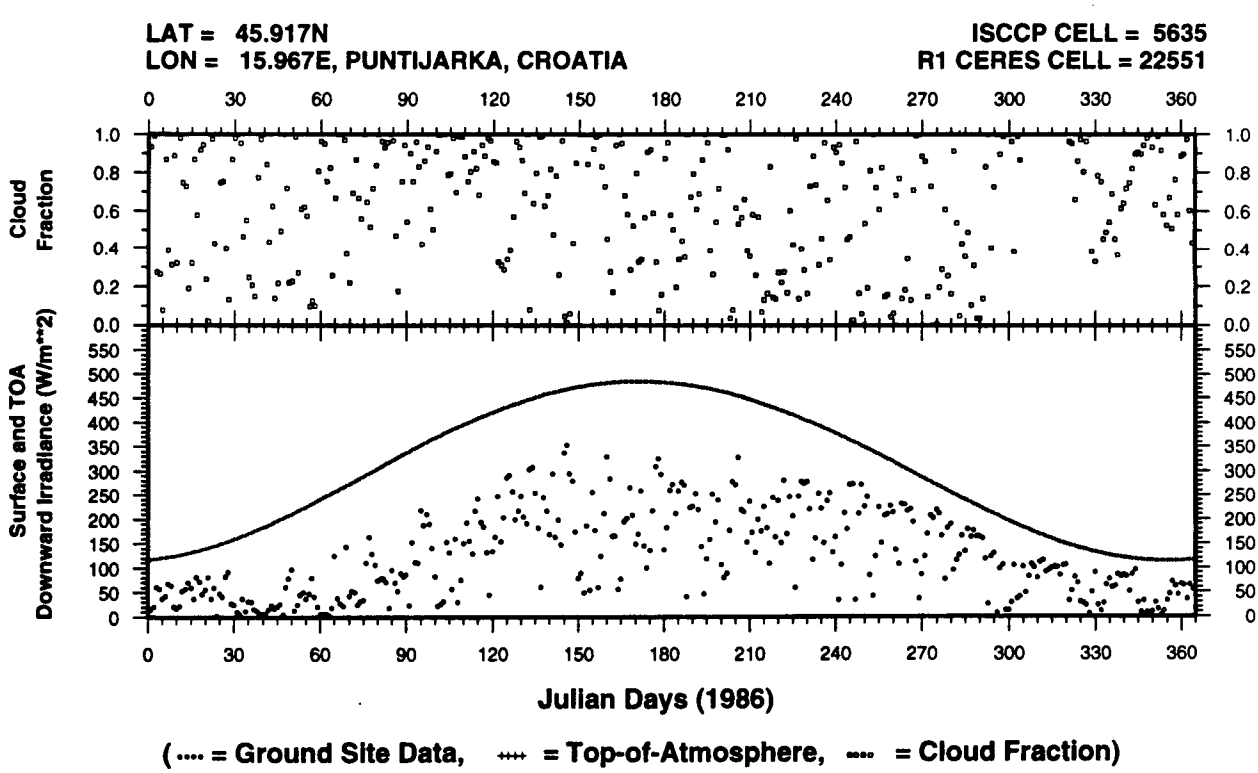
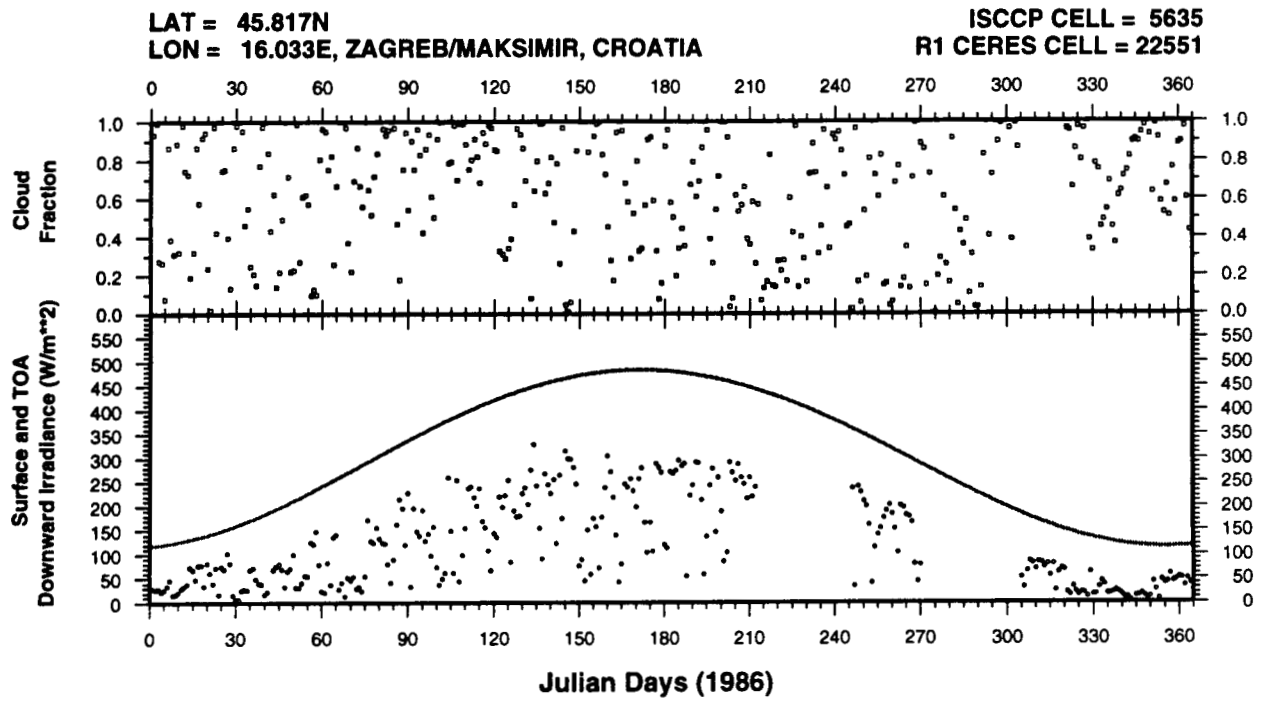
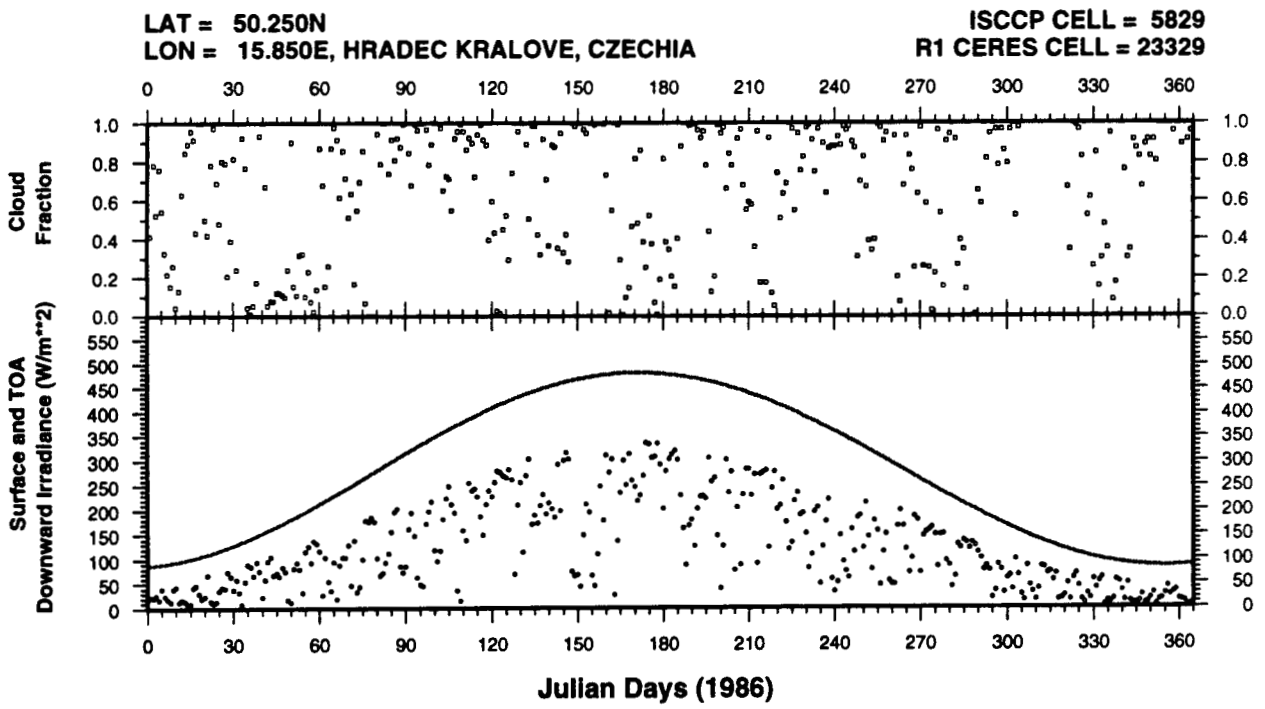


Figure C19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PUNTIJARKA, CROATIA.



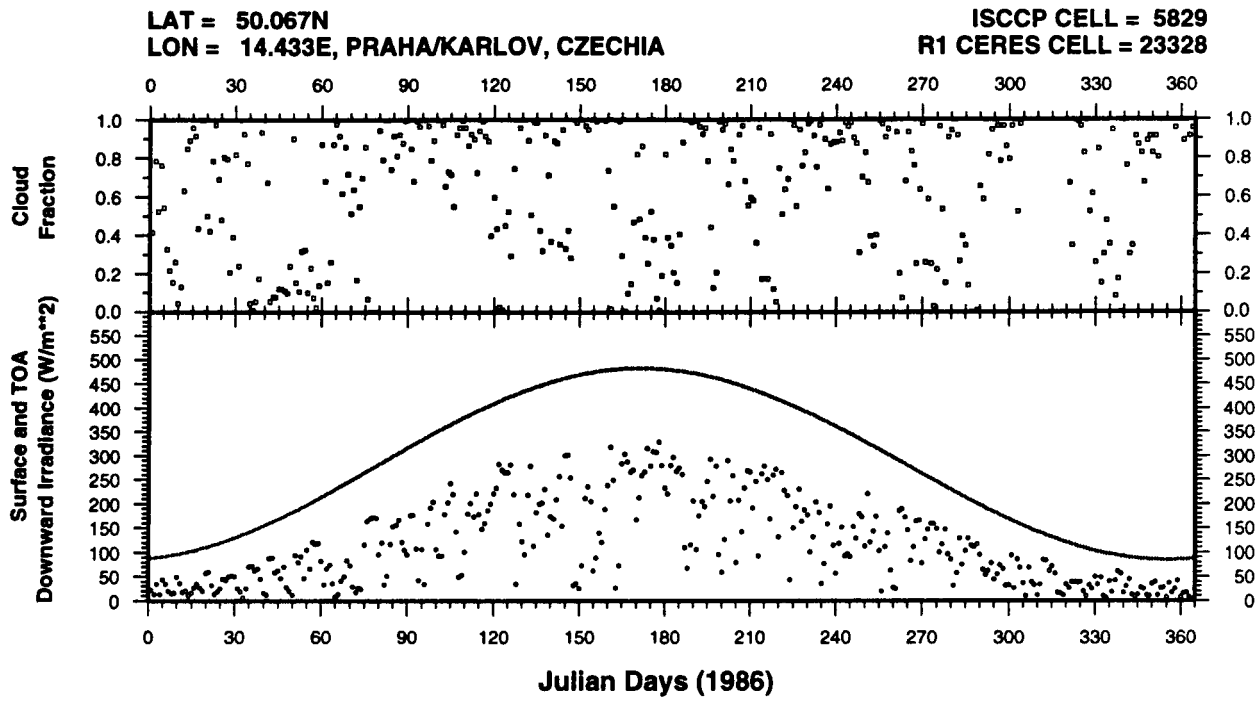
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ZAGREB/MAKSIMIR, CROATIA.



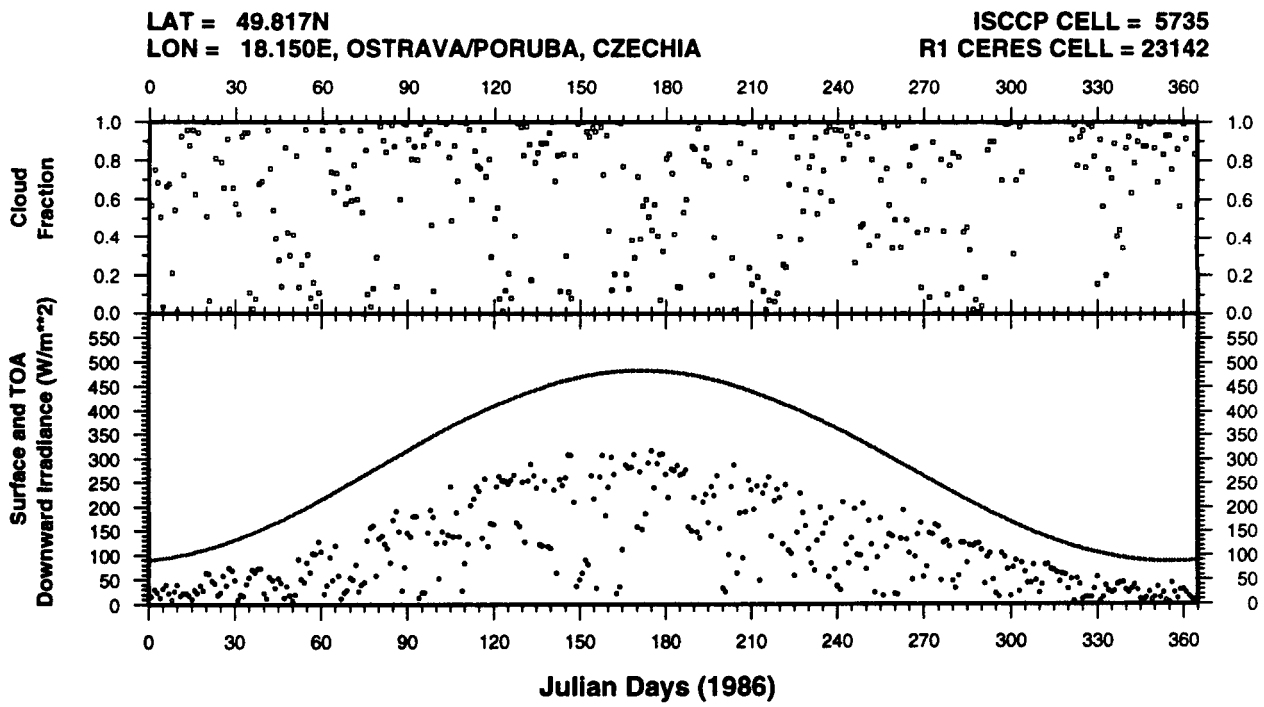
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HRADEC KRALOVE, CZECHIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PRAHA/KARLOV, CZECHIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OSTRAVA/PORUBA, CZECHIA.

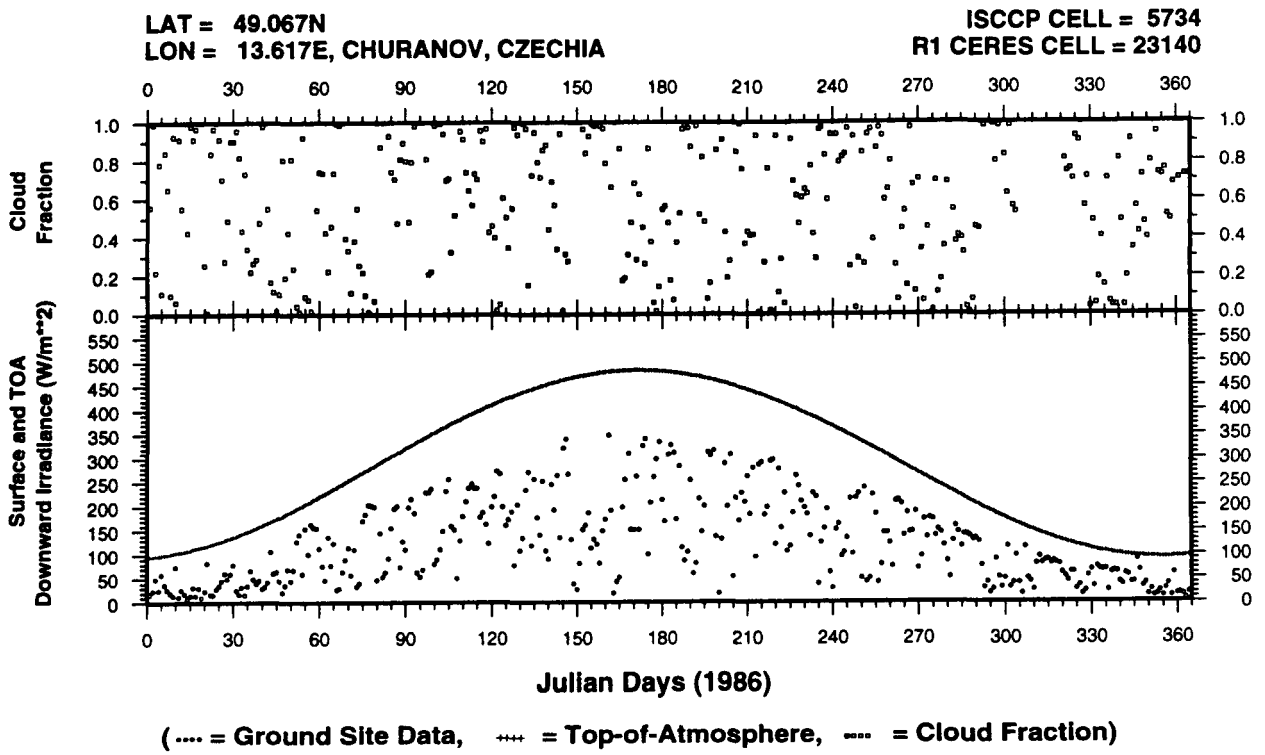


Figure C24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHURANOV, CZECHIA.

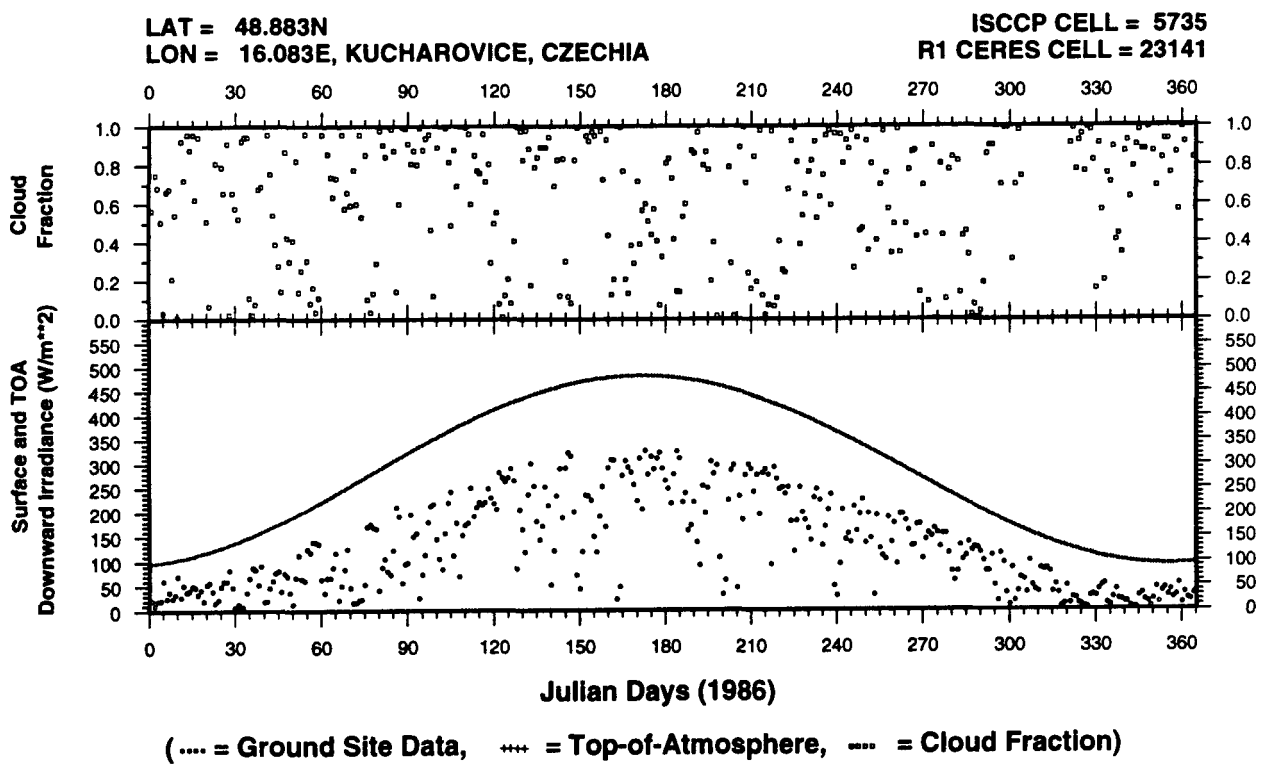


Figure C25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KUCHAROVICE, CZECHIA.

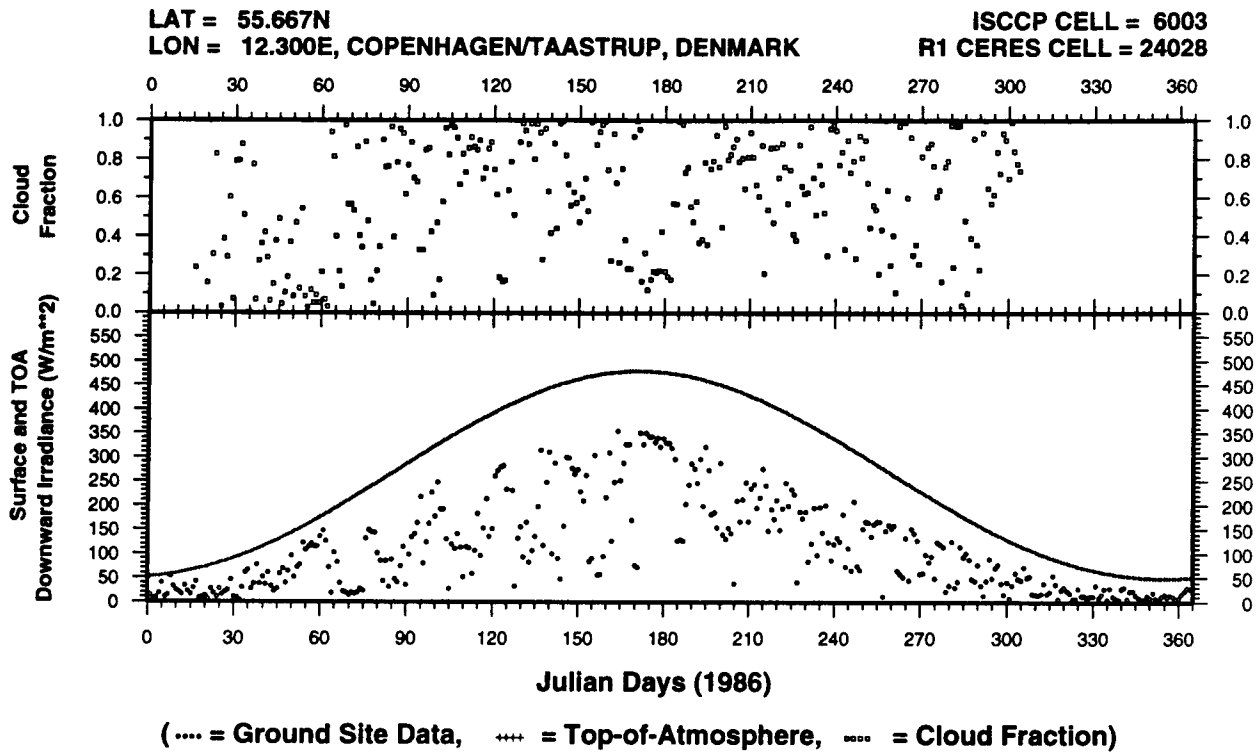


Figure C26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for COPENHAGEN/TAASTRUP, DENMARK.

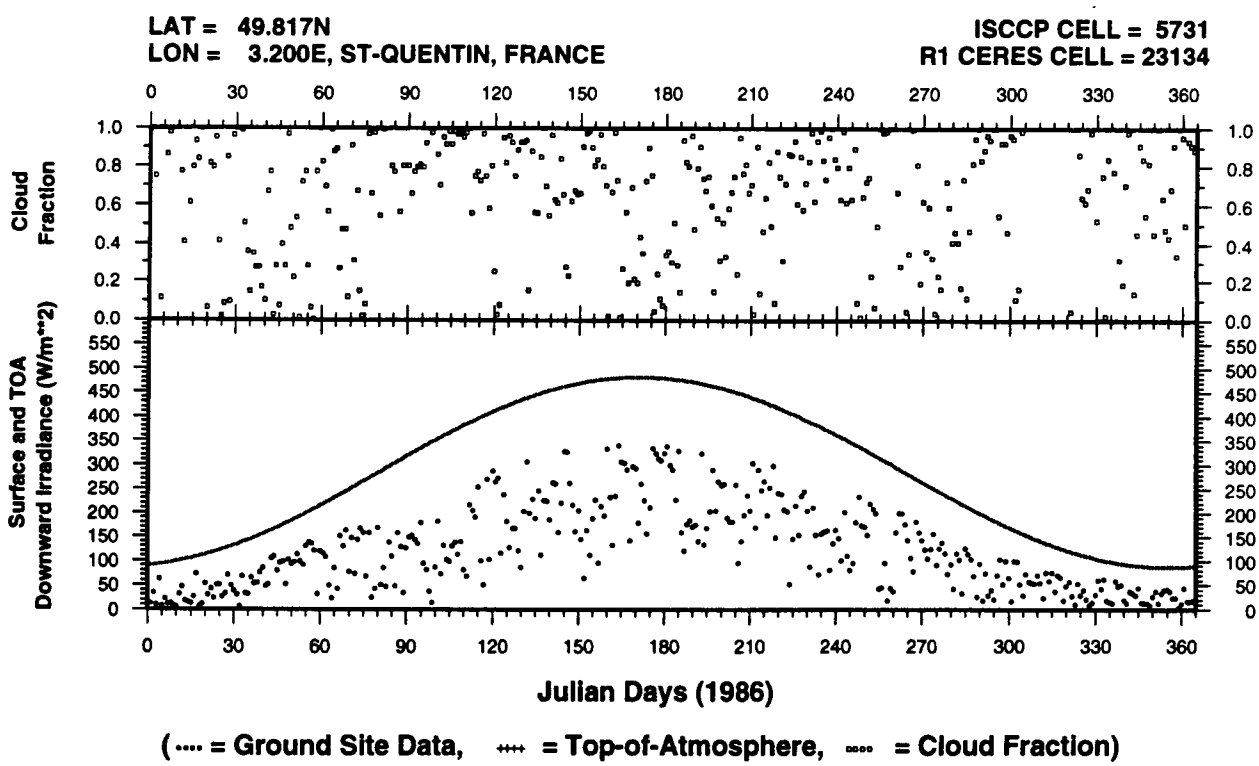
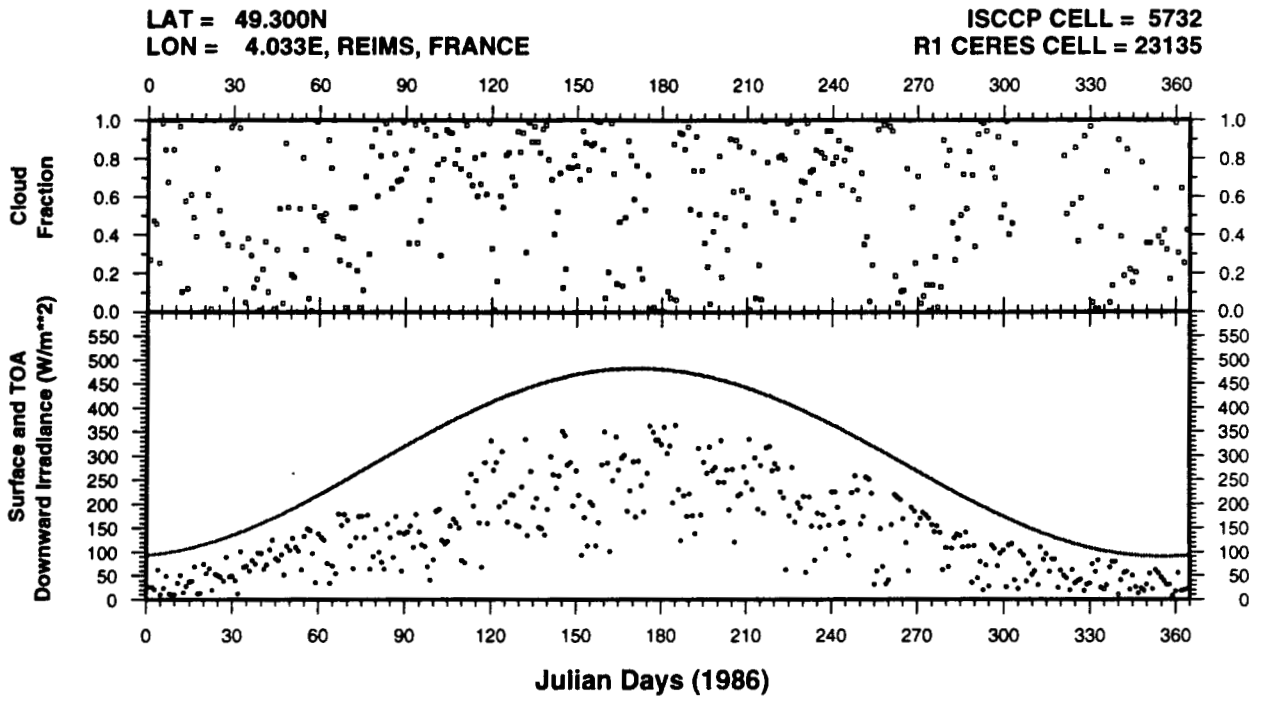
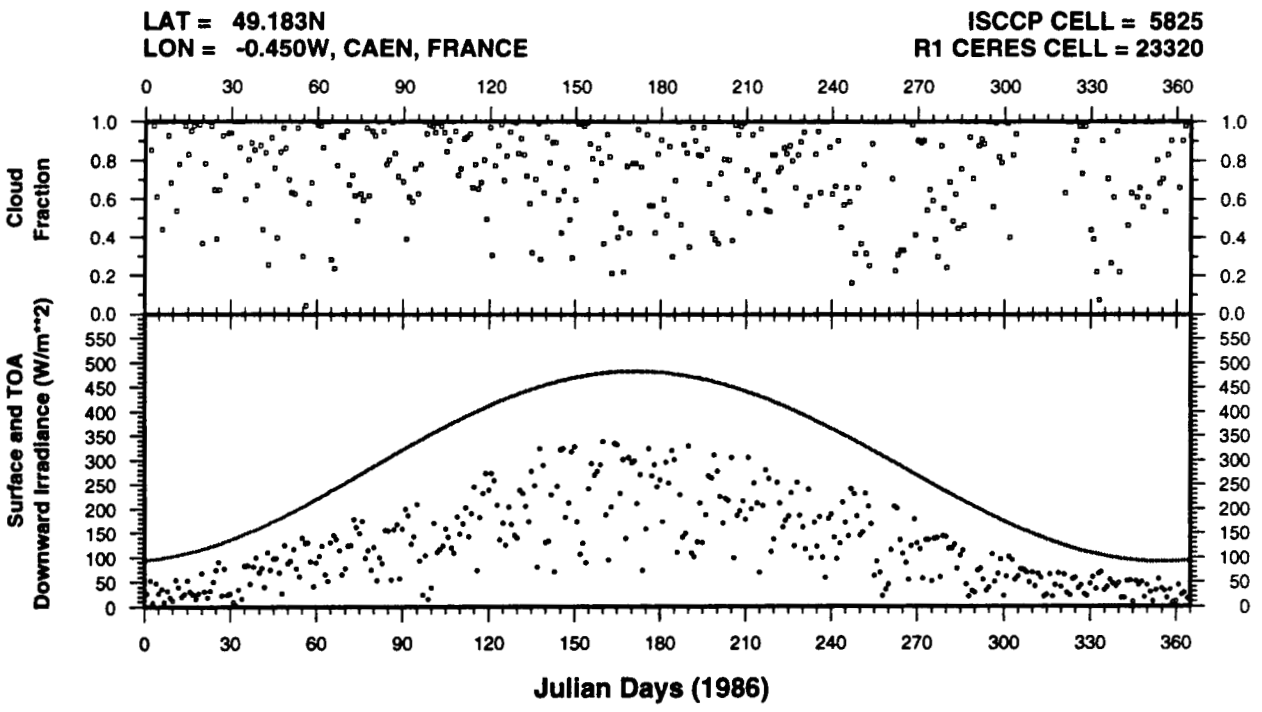


Figure C27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ST-QUENTIN, FRANCE.



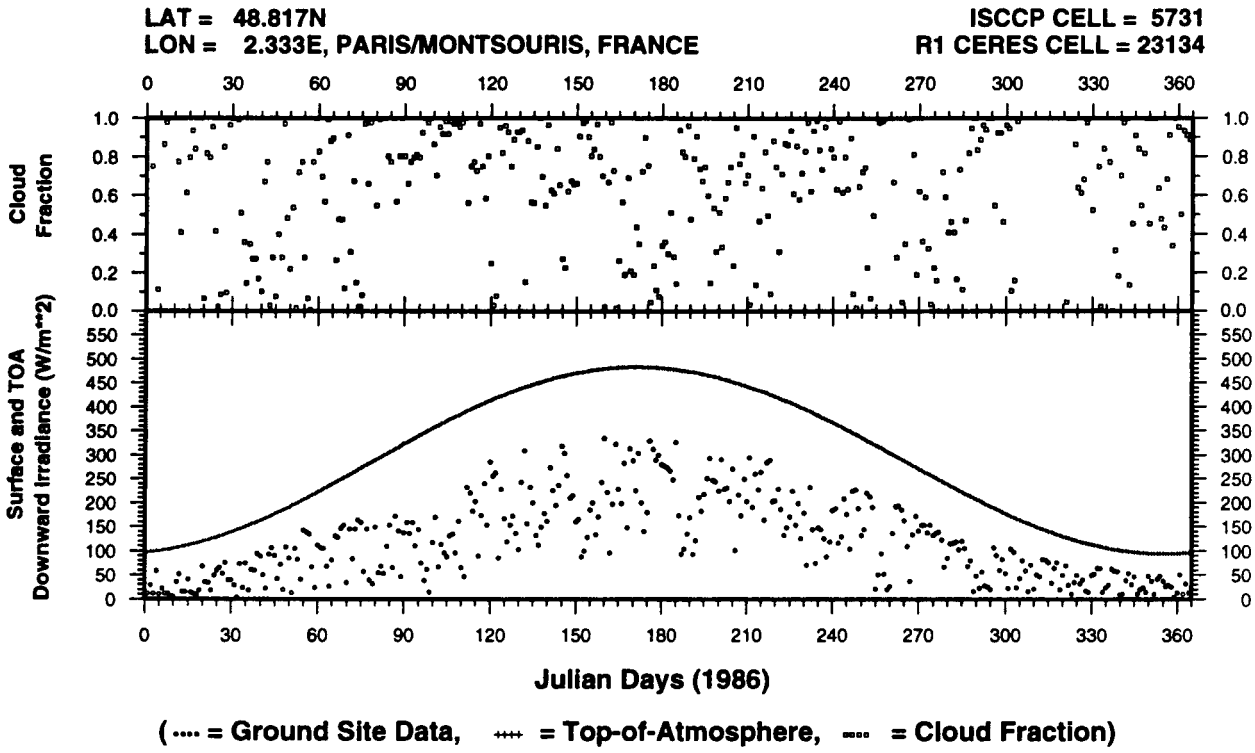
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for REIMS, FRANCE.



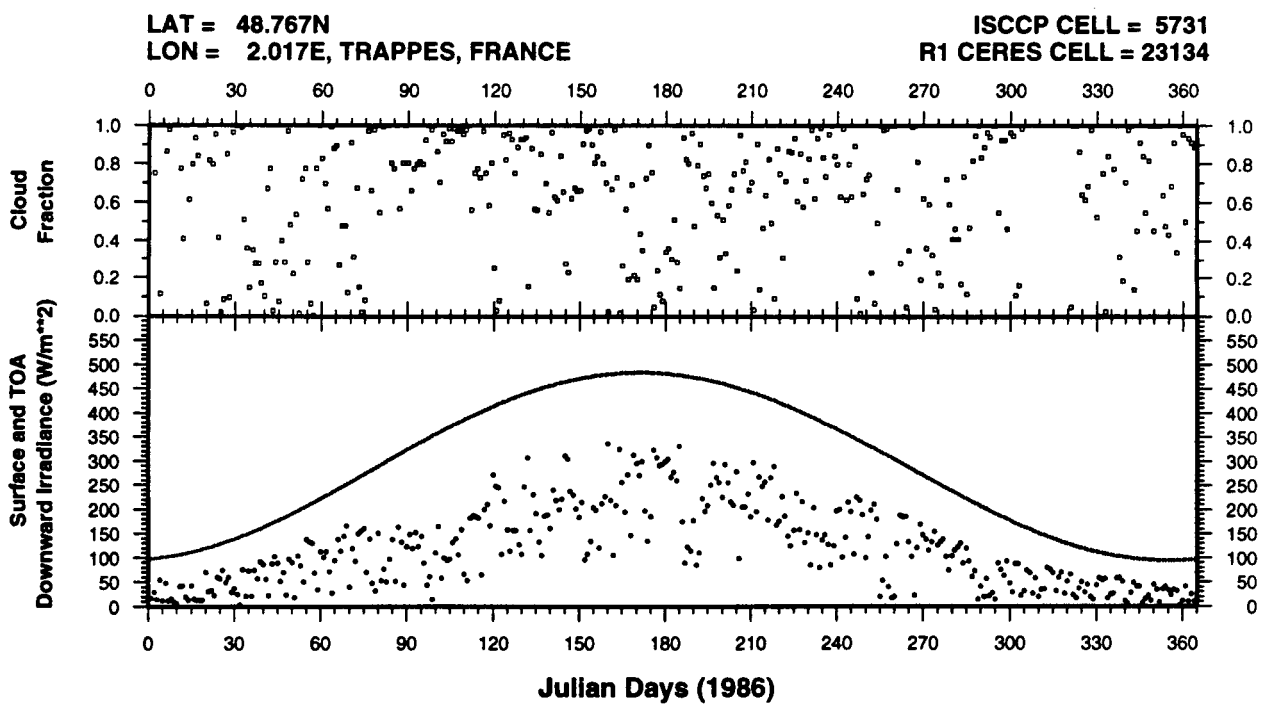
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAEN, FRANCE.



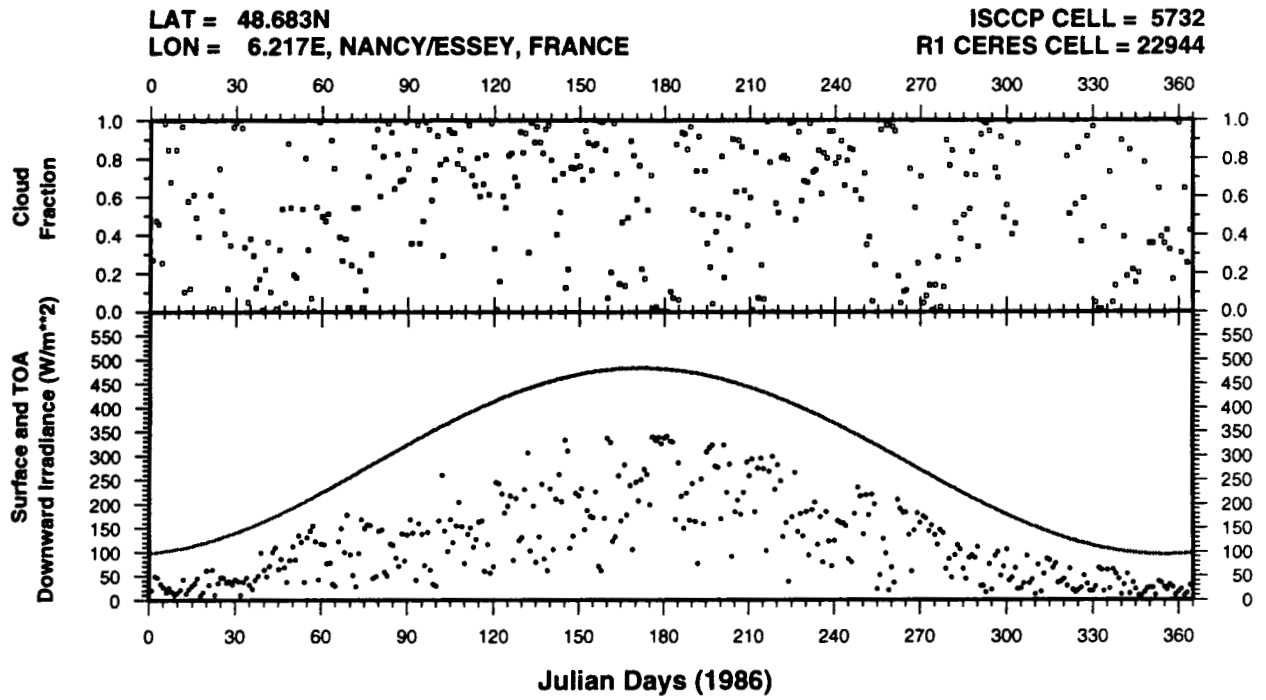
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C30. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PARIS/MONTSOURIS, FRANCE.



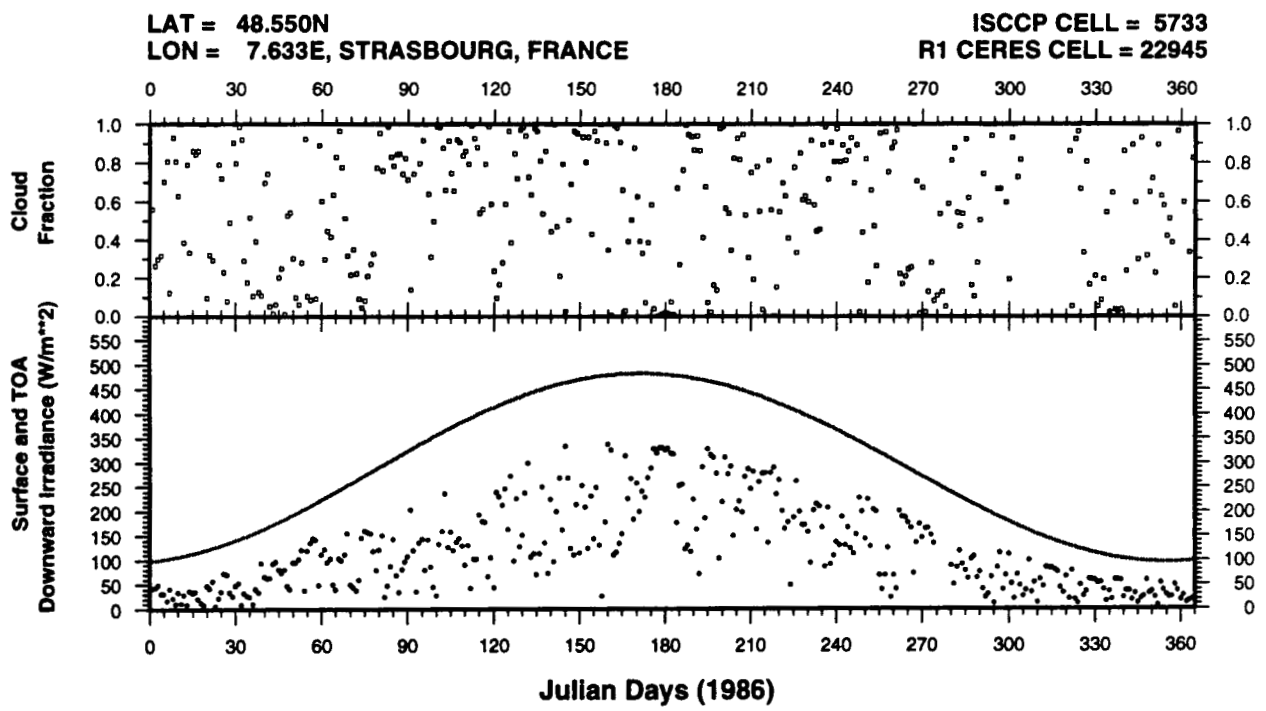
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C31. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRAPPES, FRANCE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C32. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NANCY/ESSEY, FRANCE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C33. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for STRASBOURG, FRANCE.

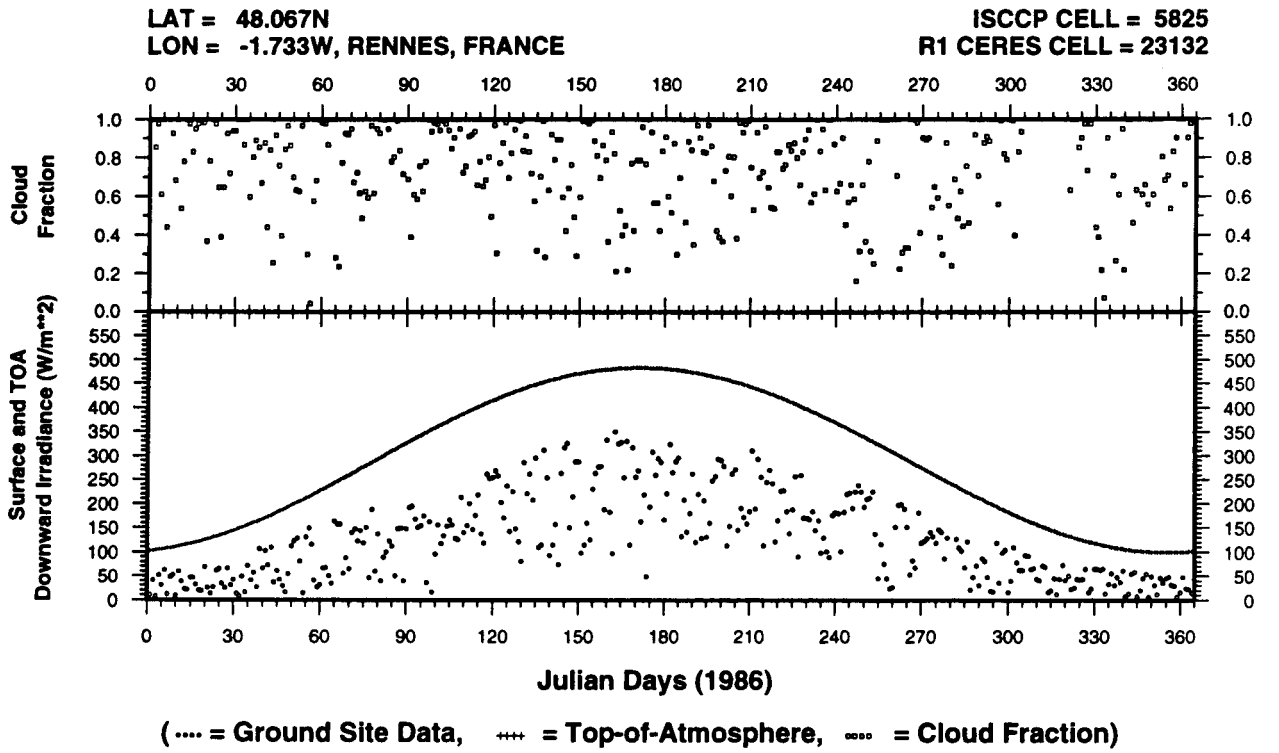


Figure C34. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for RENNES, FRANCE.

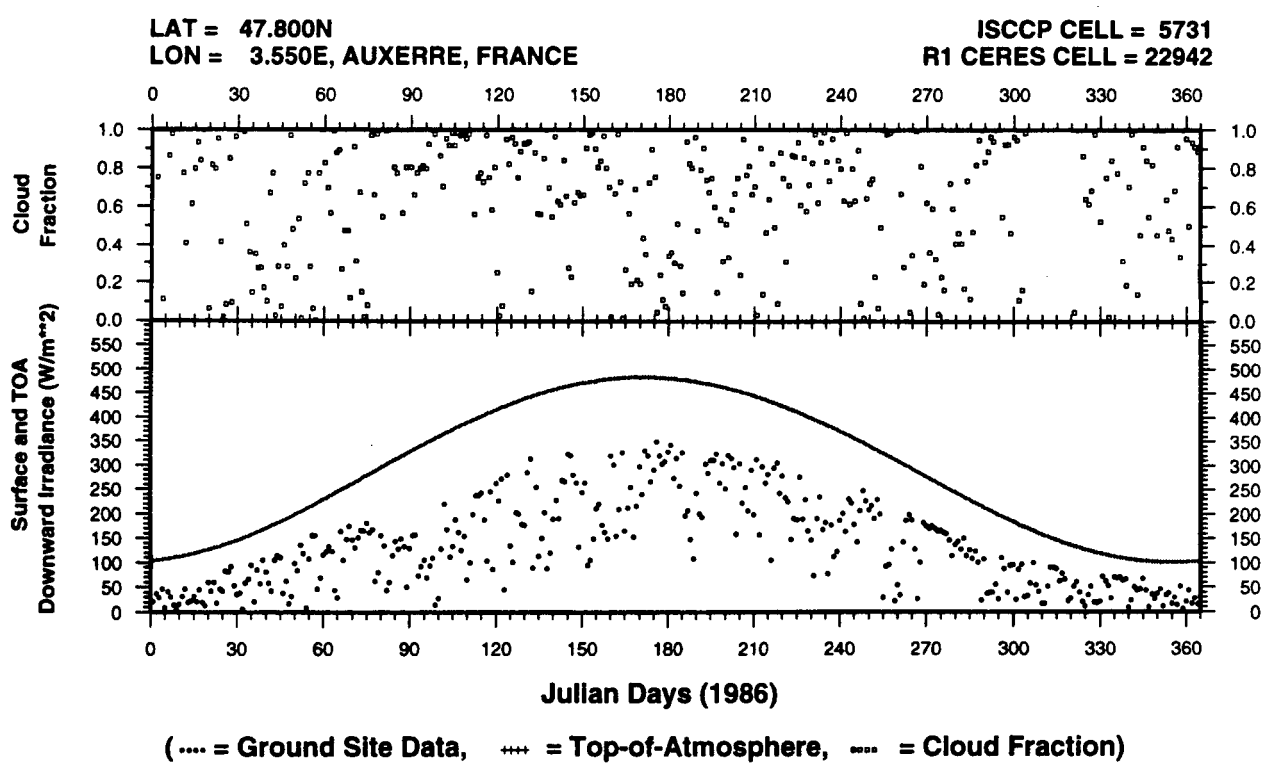
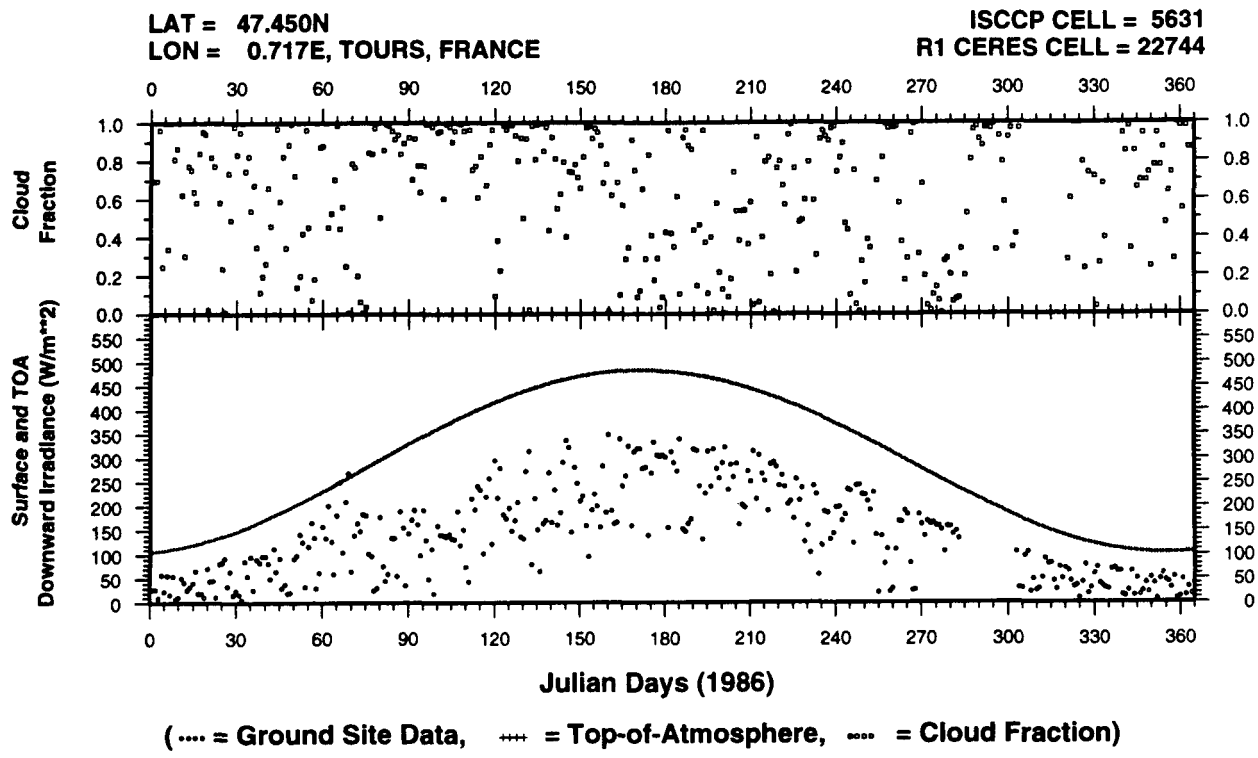
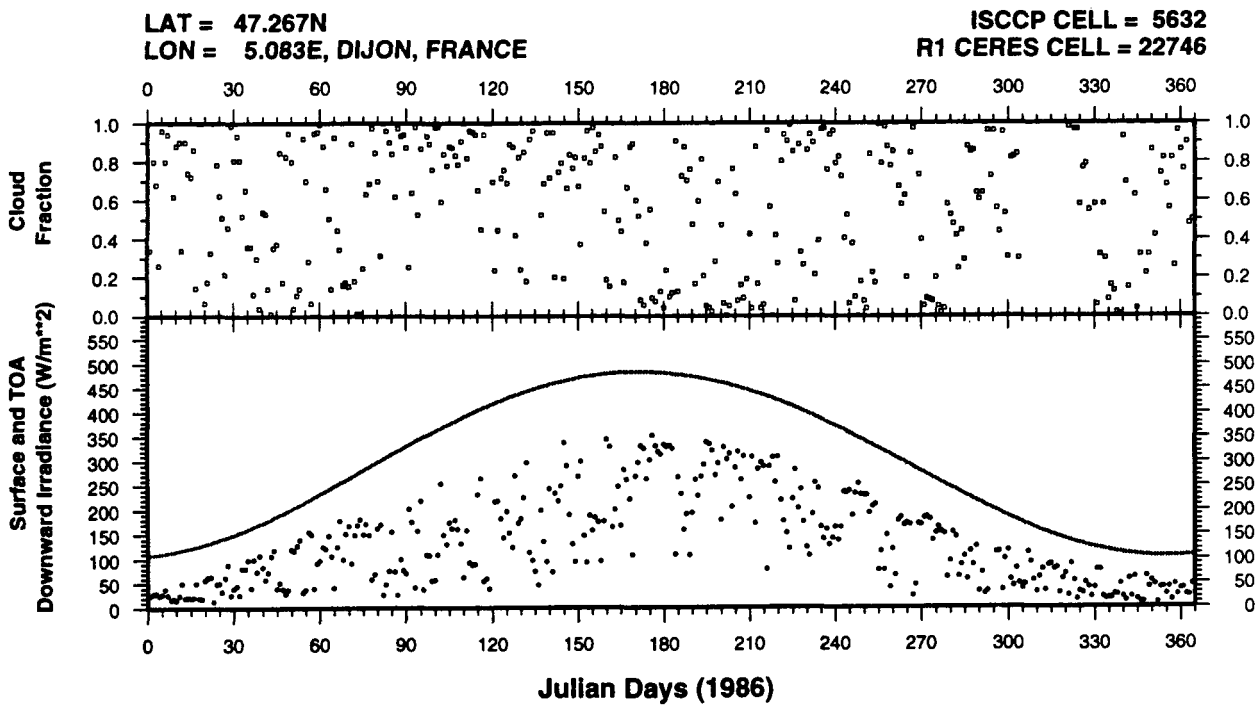


Figure C35. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AUXERRE, FRANCE.



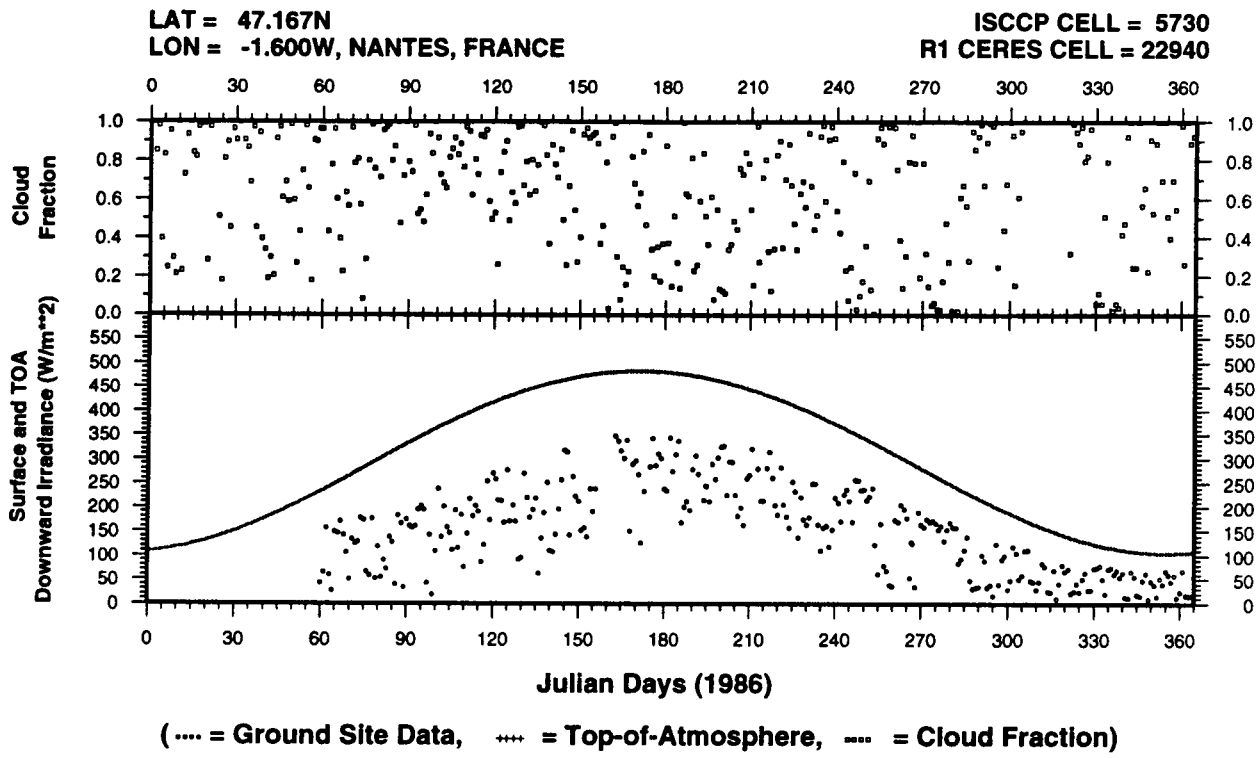
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C36. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TOURS, FRANCE.



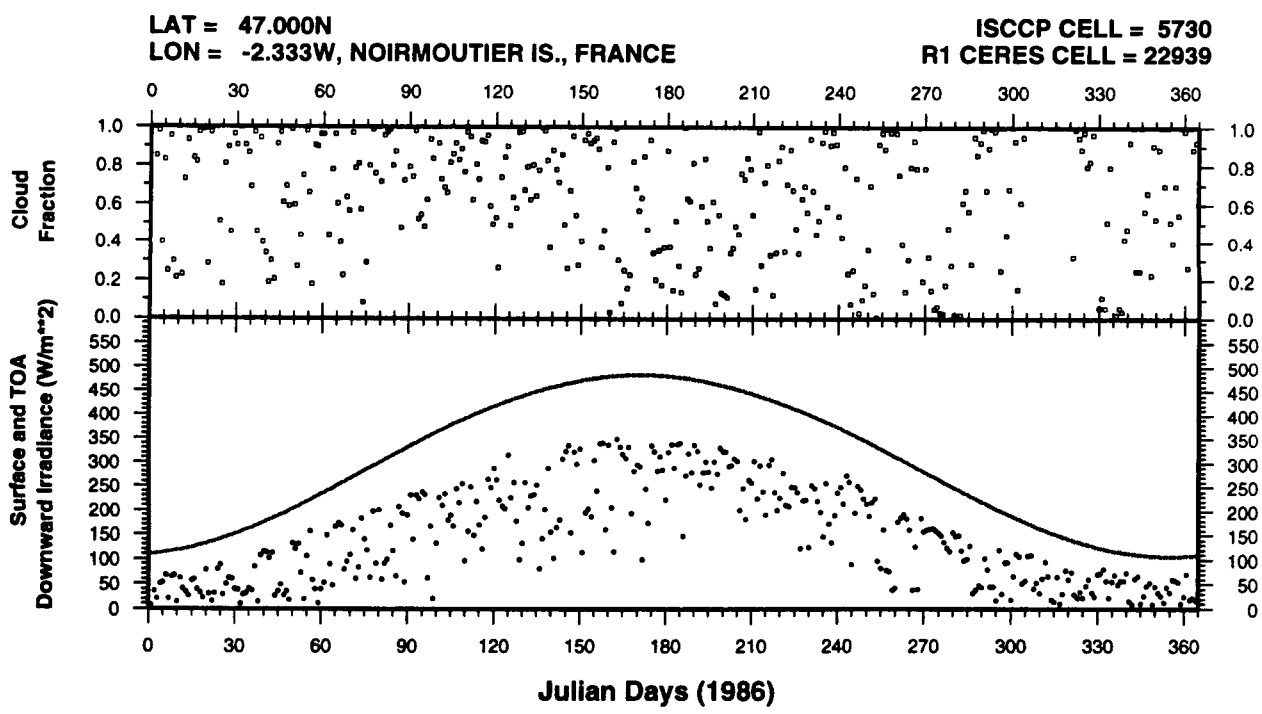
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C37. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DIJON, FRANCE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C38. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NANTES, FRANCE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C39. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NOIRMOUTIER IS., FRANCE.

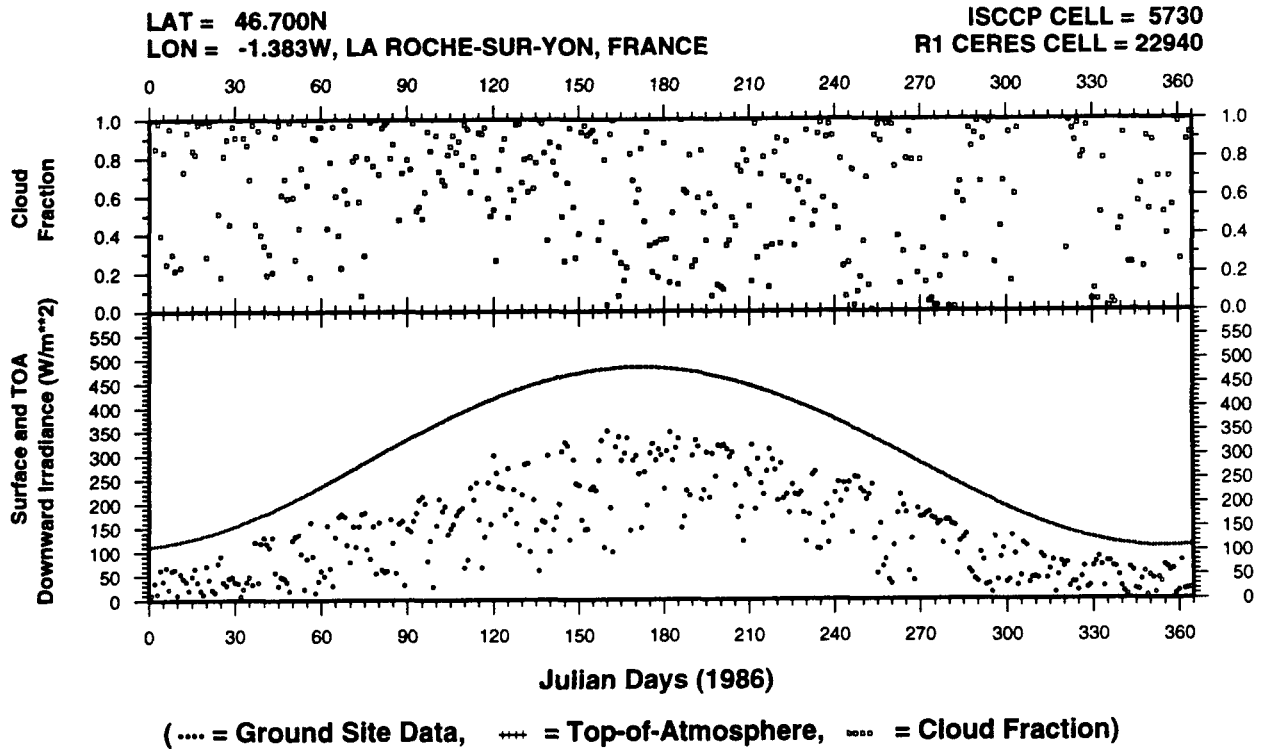


Figure C40. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LA ROCHE-SUR-YON, FRANCE.

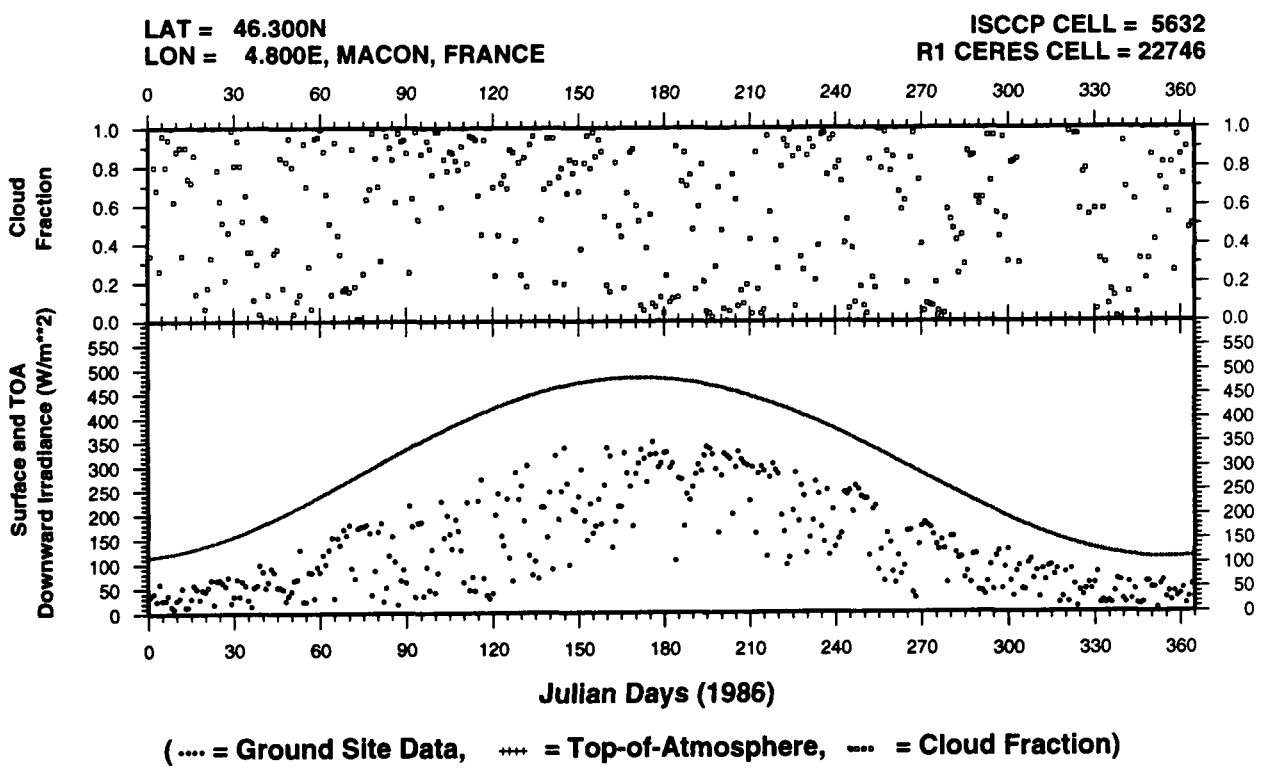


Figure C41. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MACON, FRANCE.

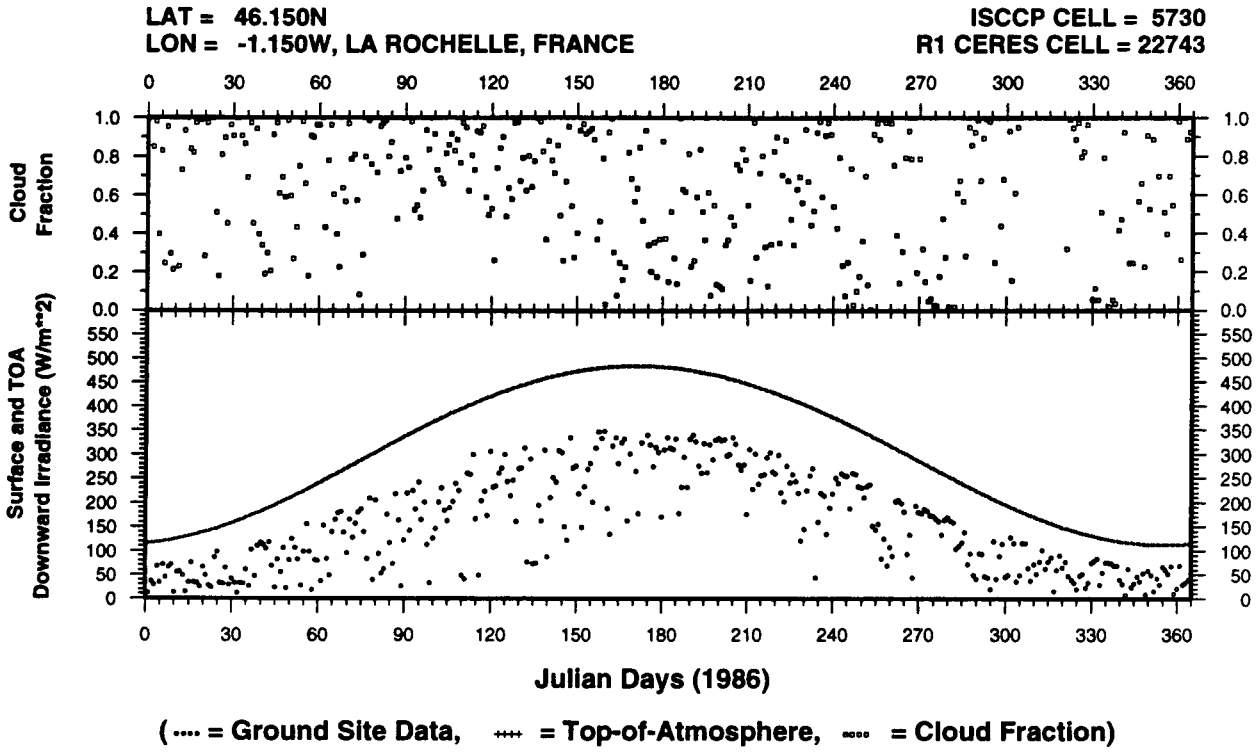


Figure C42. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LA ROCHELLE, FRANCE.

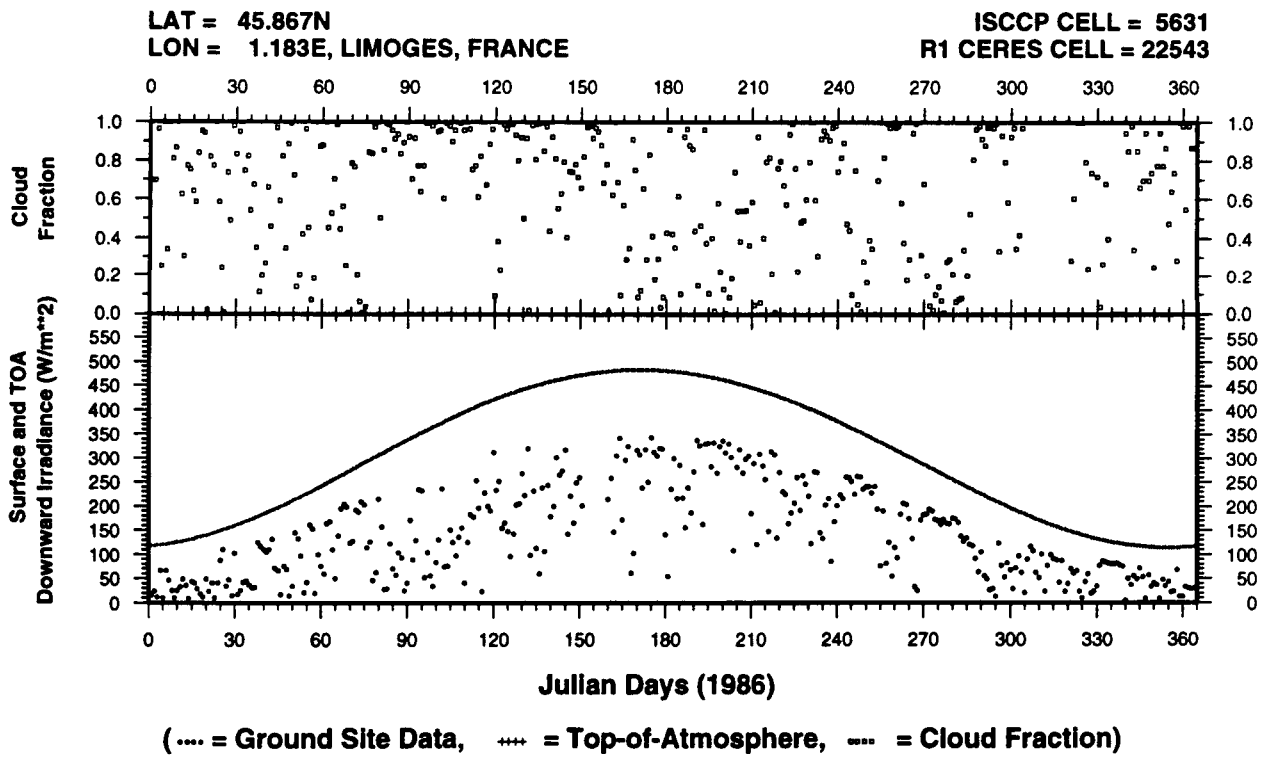
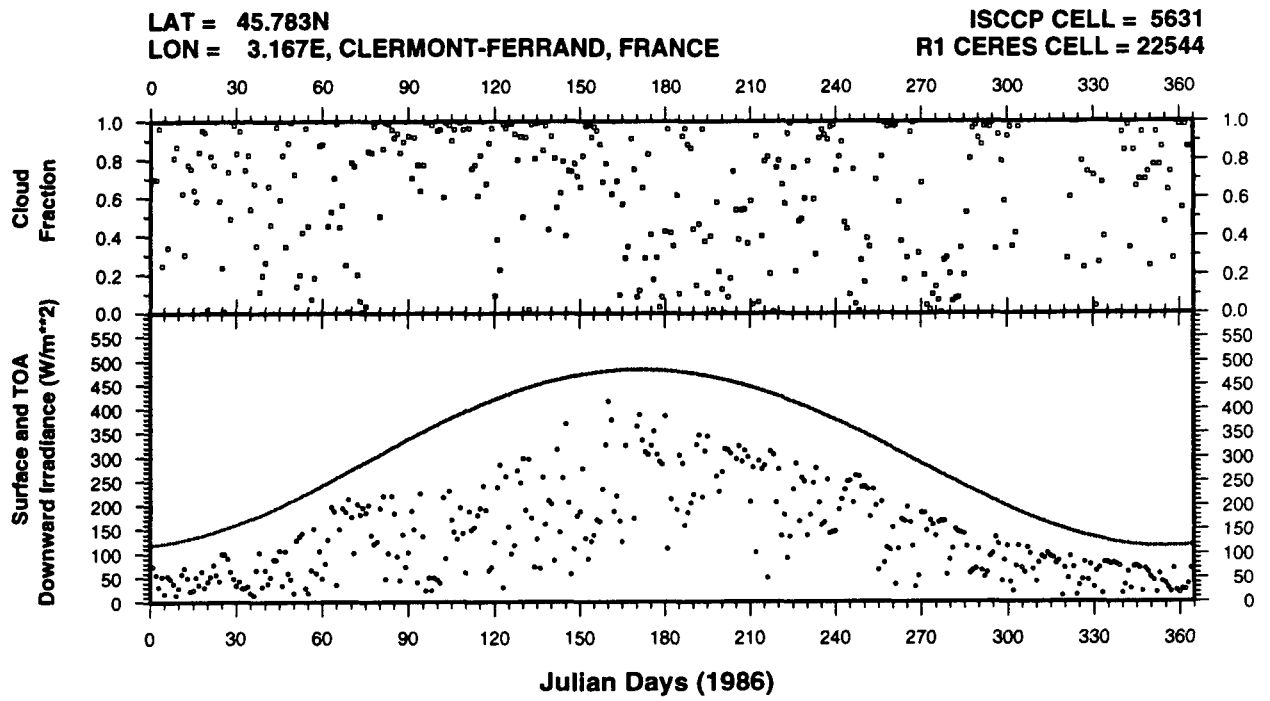
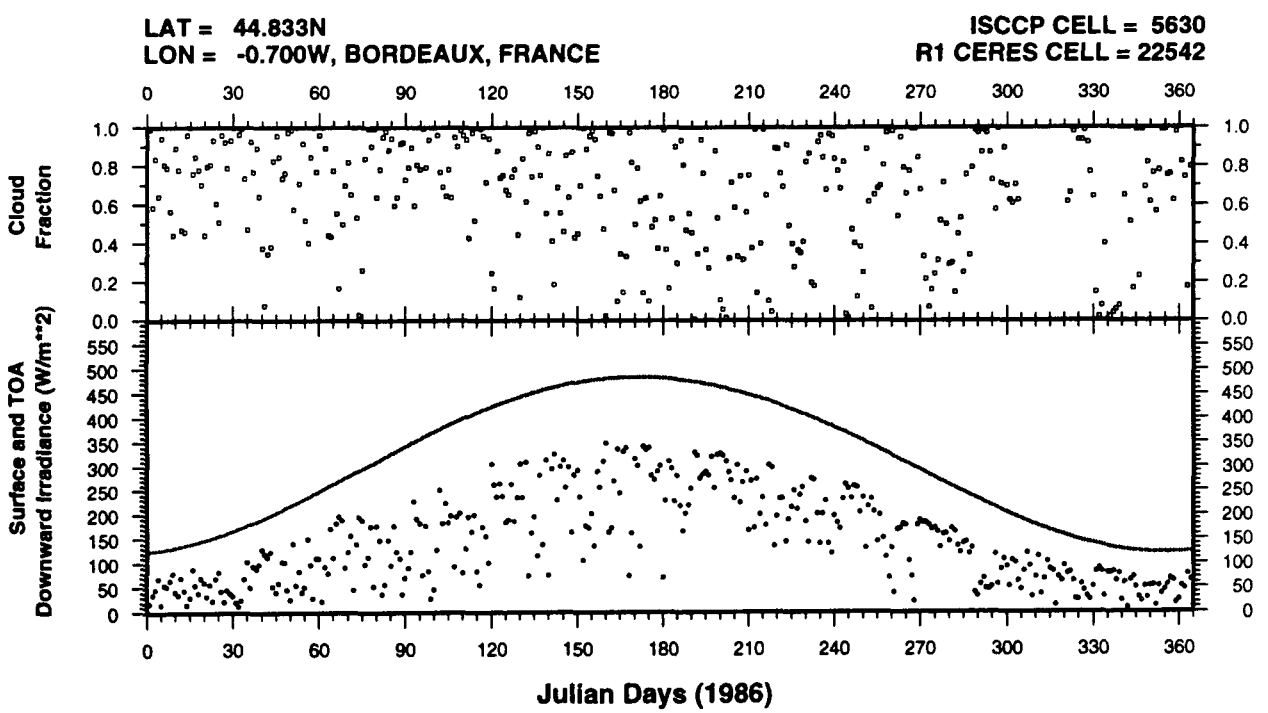


Figure C43. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LIMOGES, FRANCE.



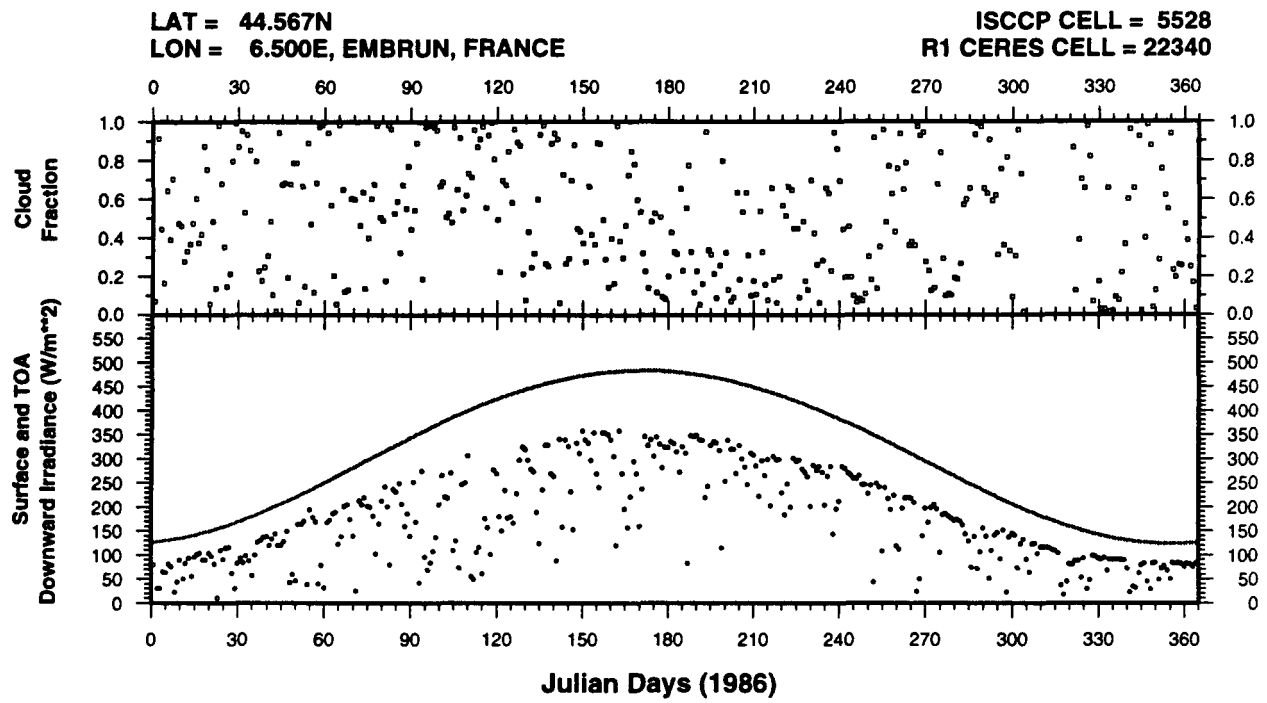
(···· = Ground Site Data, +++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C44. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CLERMONT-FERRAND, FRANCE.



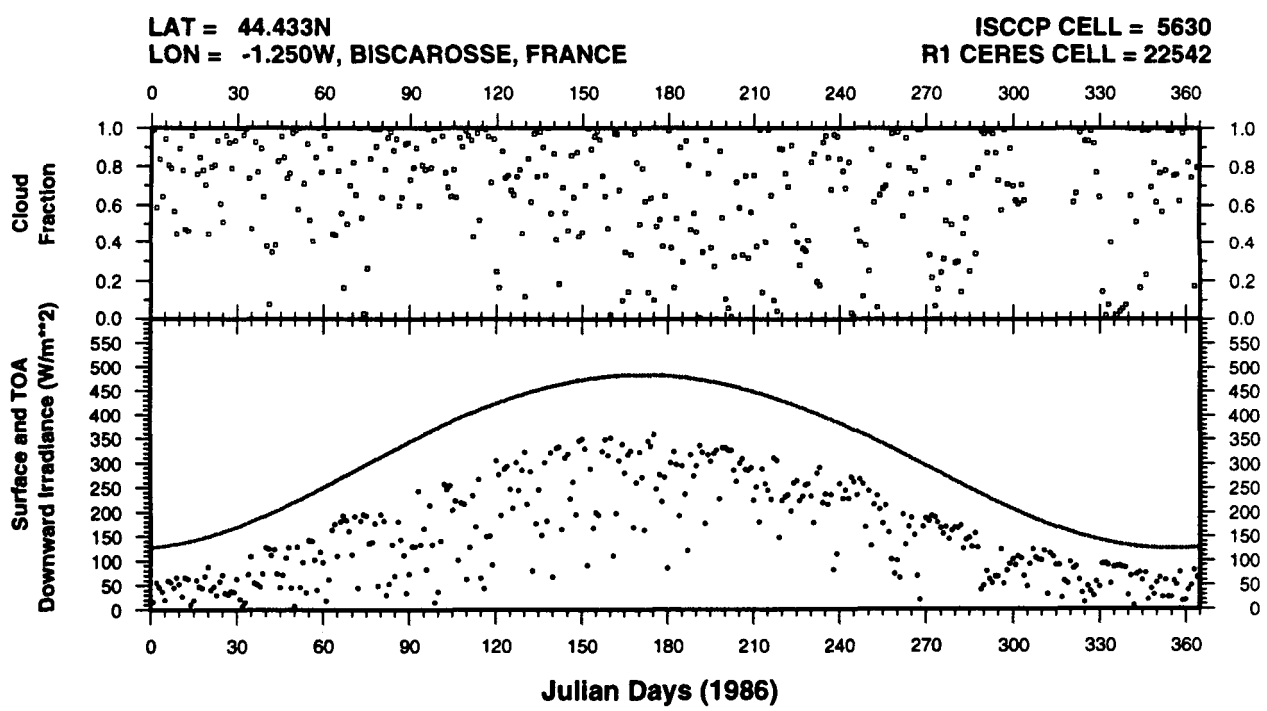
(···· = Ground Site Data, +++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C45. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BORDEAUX, FRANCE.



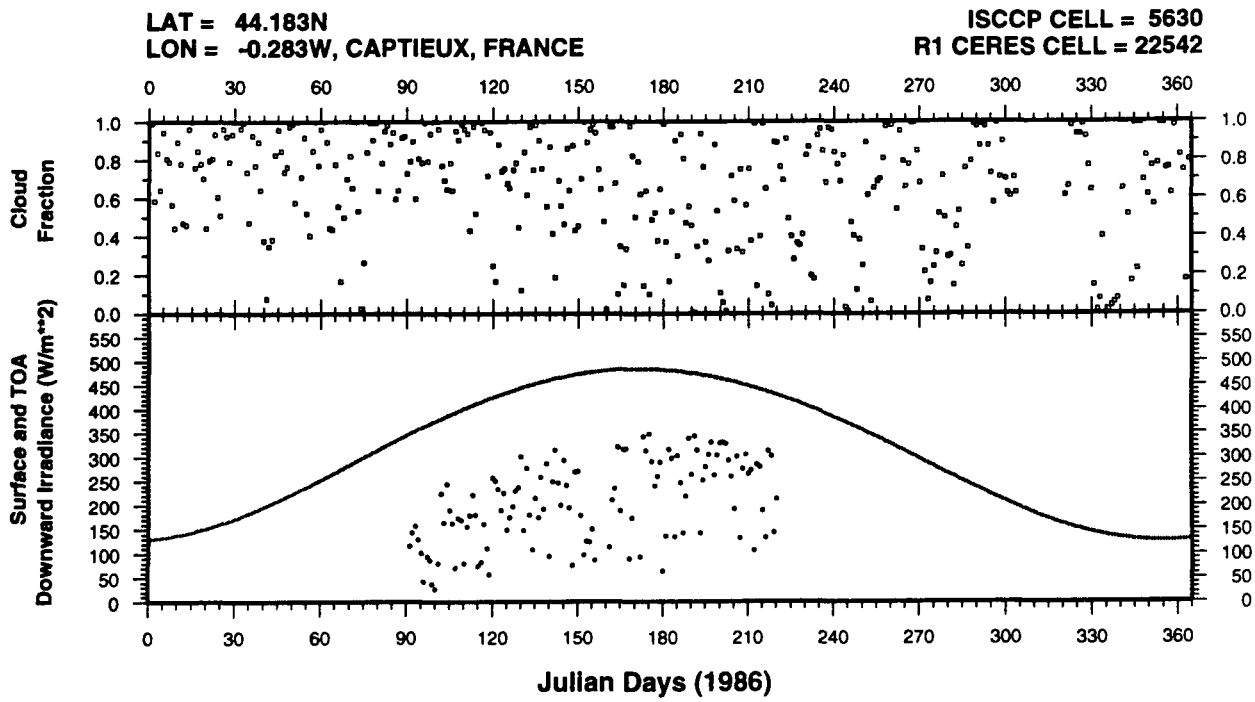
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C46. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EMBRUN, FRANCE.



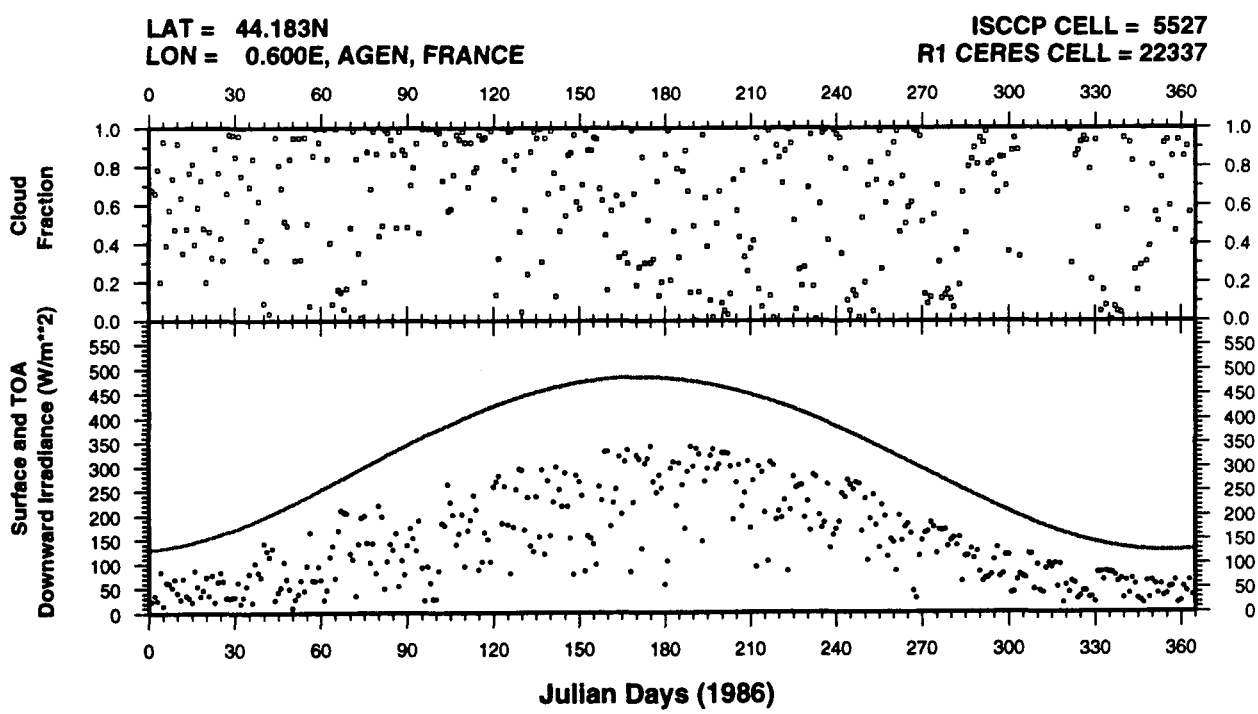
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C47. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BISCAROSSE, FRANCE.



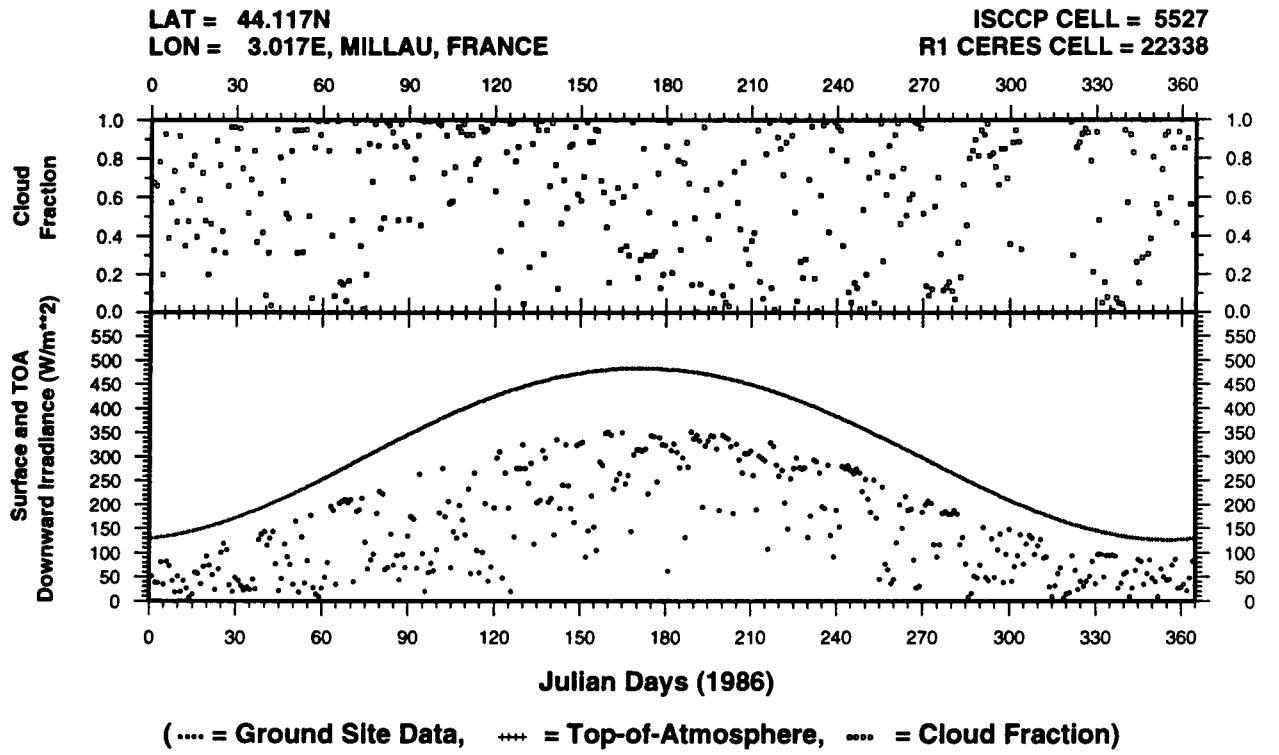
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C48. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAPTIEUX, FRANCE.



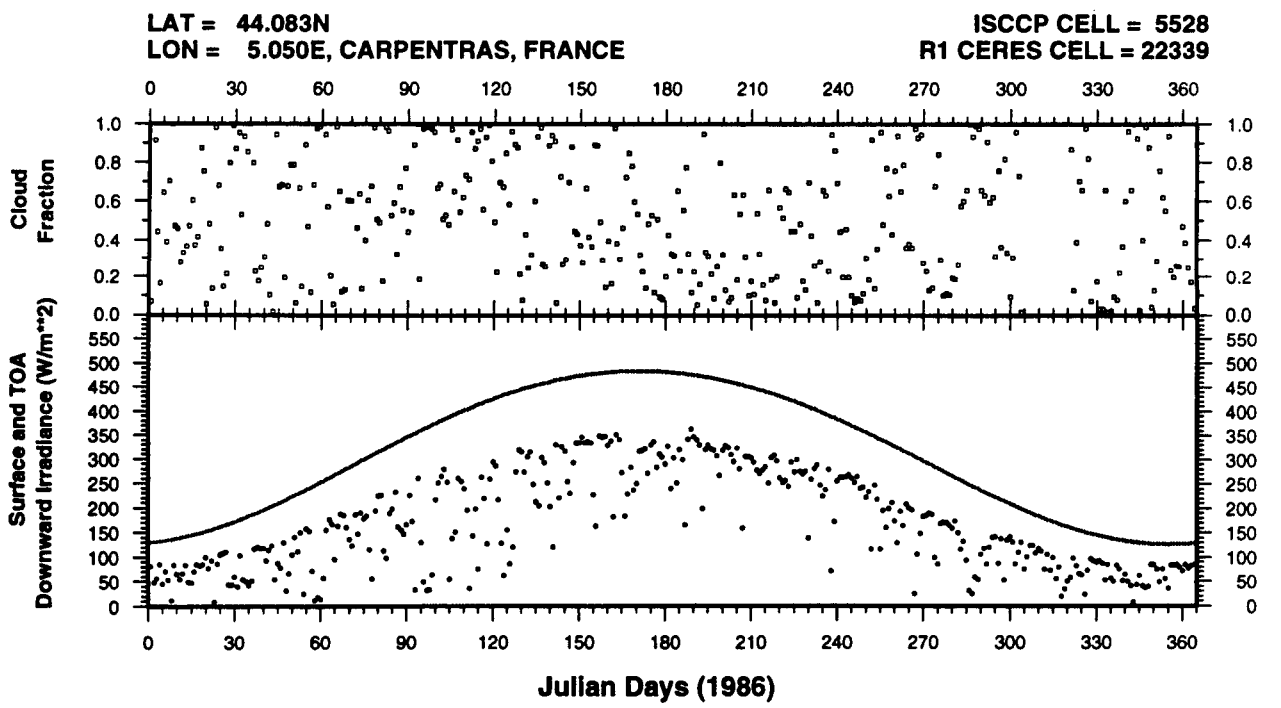
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C49. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AGEN, FRANCE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C50. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MILLAU, FRANCE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C51. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CARPENTRAS, FRANCE.

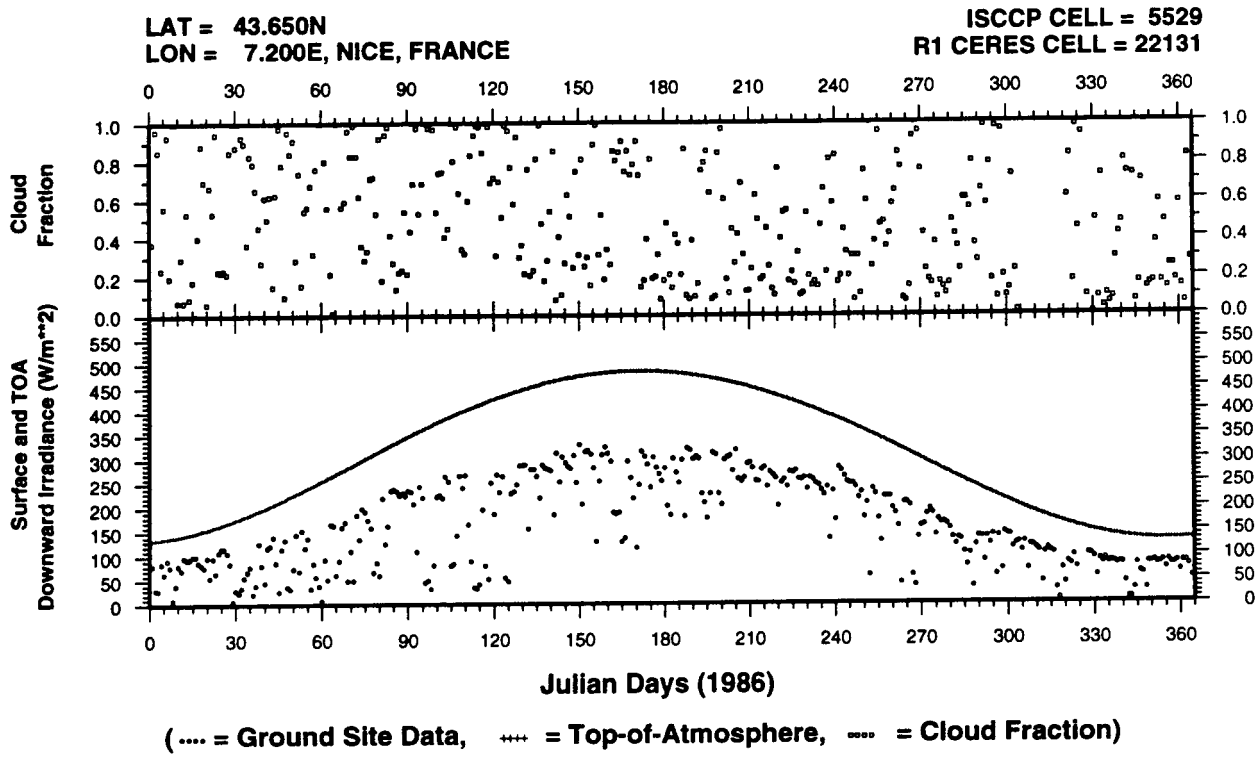


Figure C52. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NICE, FRANCE.

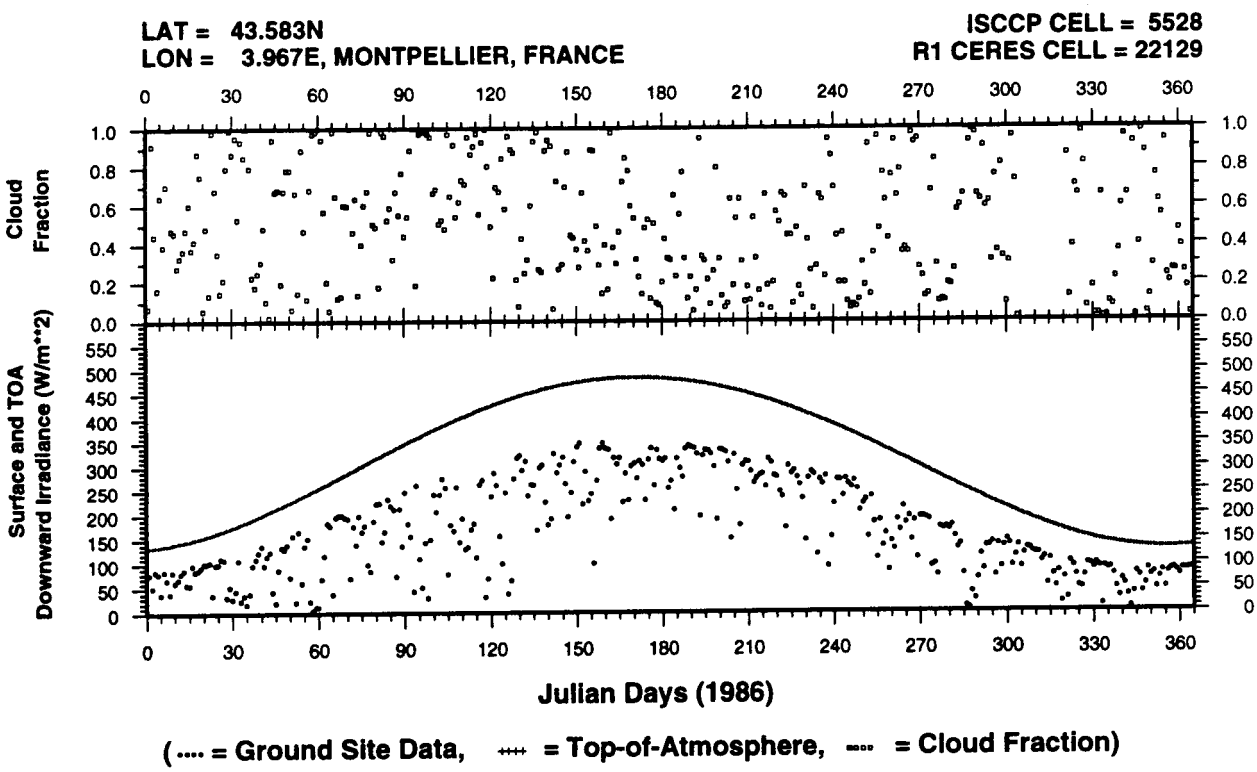
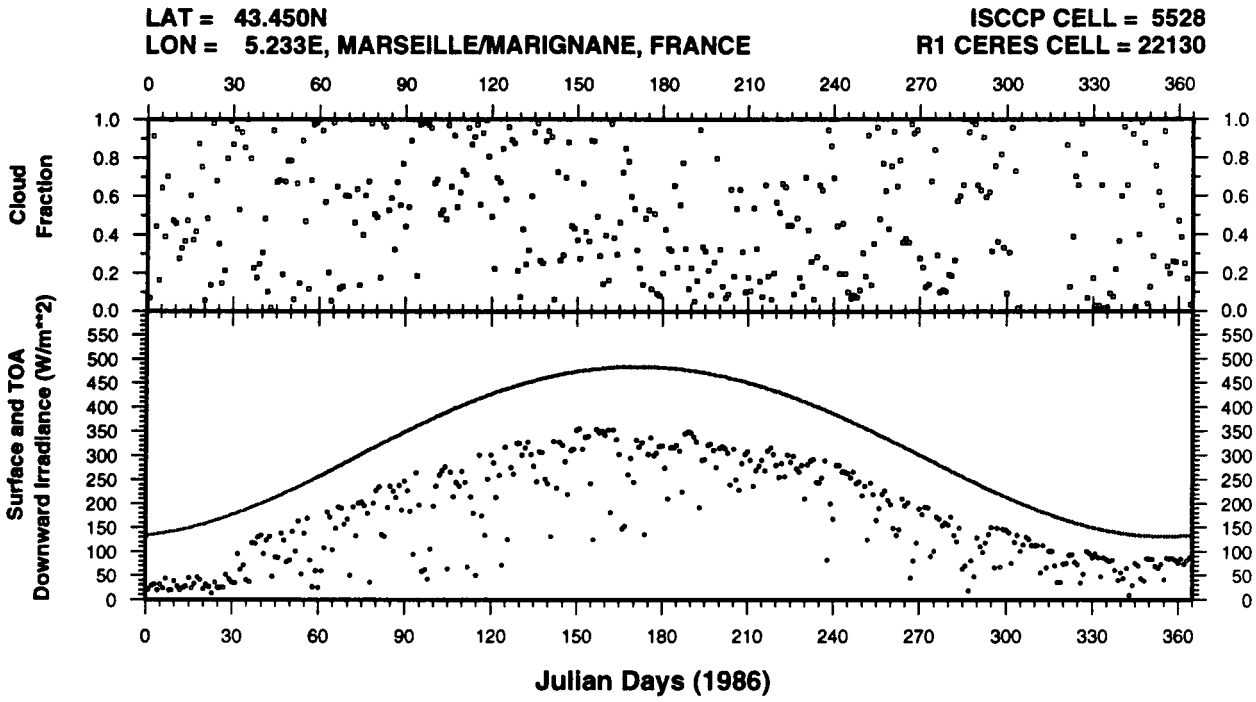
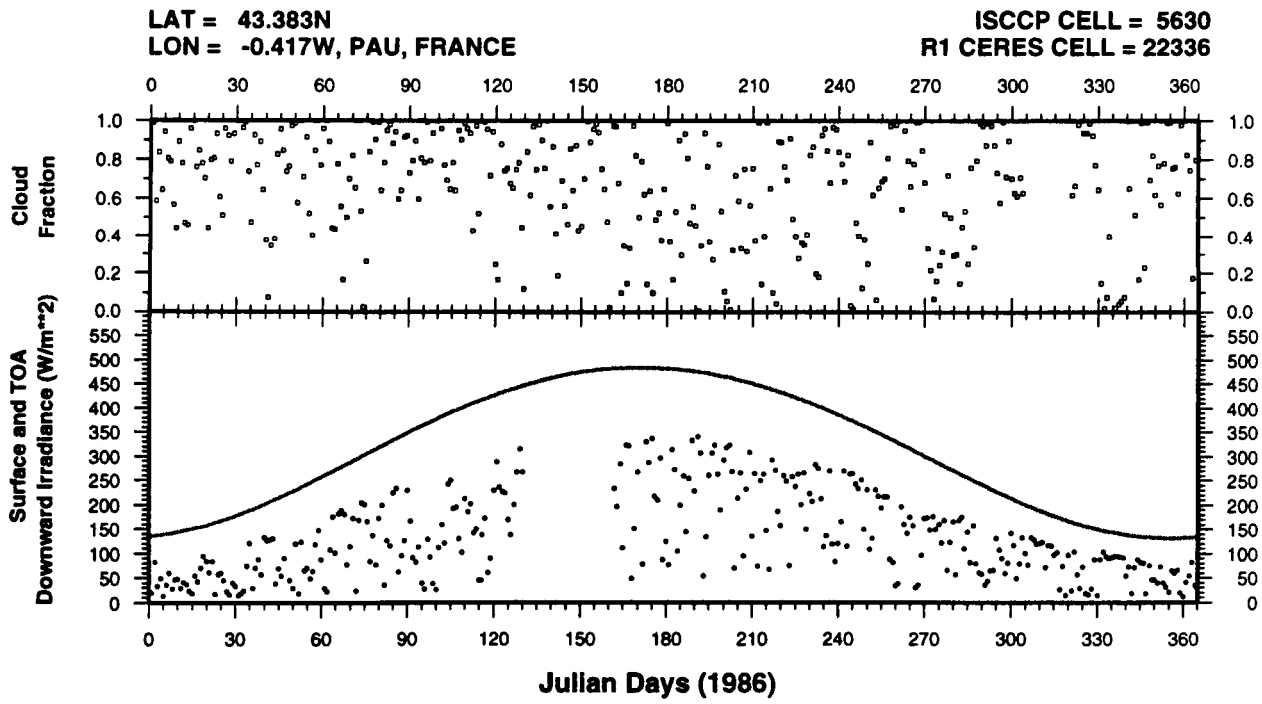


Figure C53. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MONTPELLIER, FRANCE.



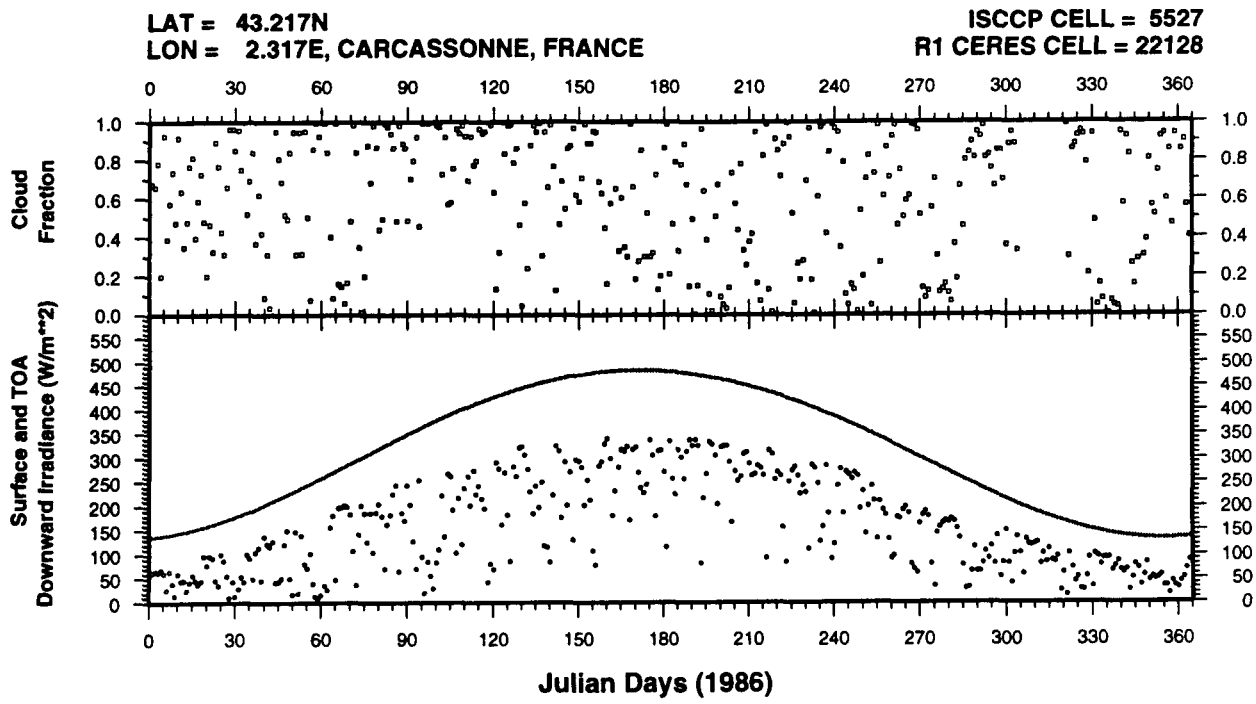
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C54. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MARSEILLE/MARIGNANE, FRANCE.



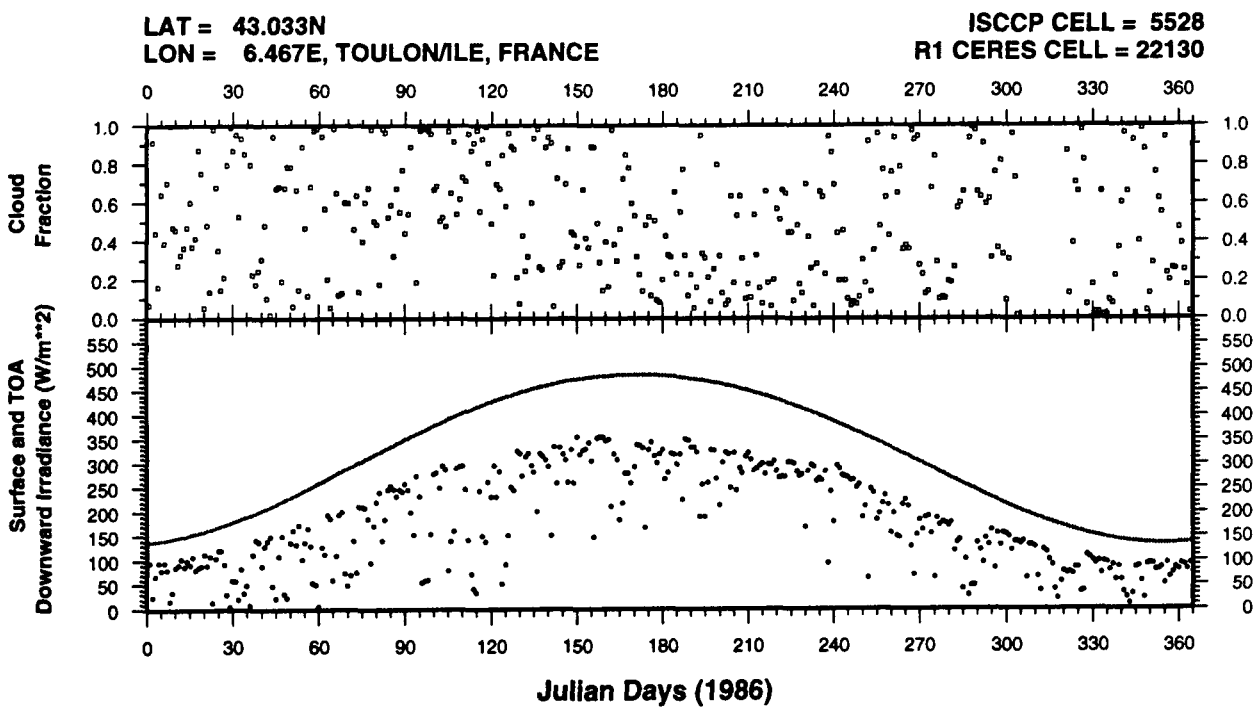
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C55. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PAU, FRANCE.



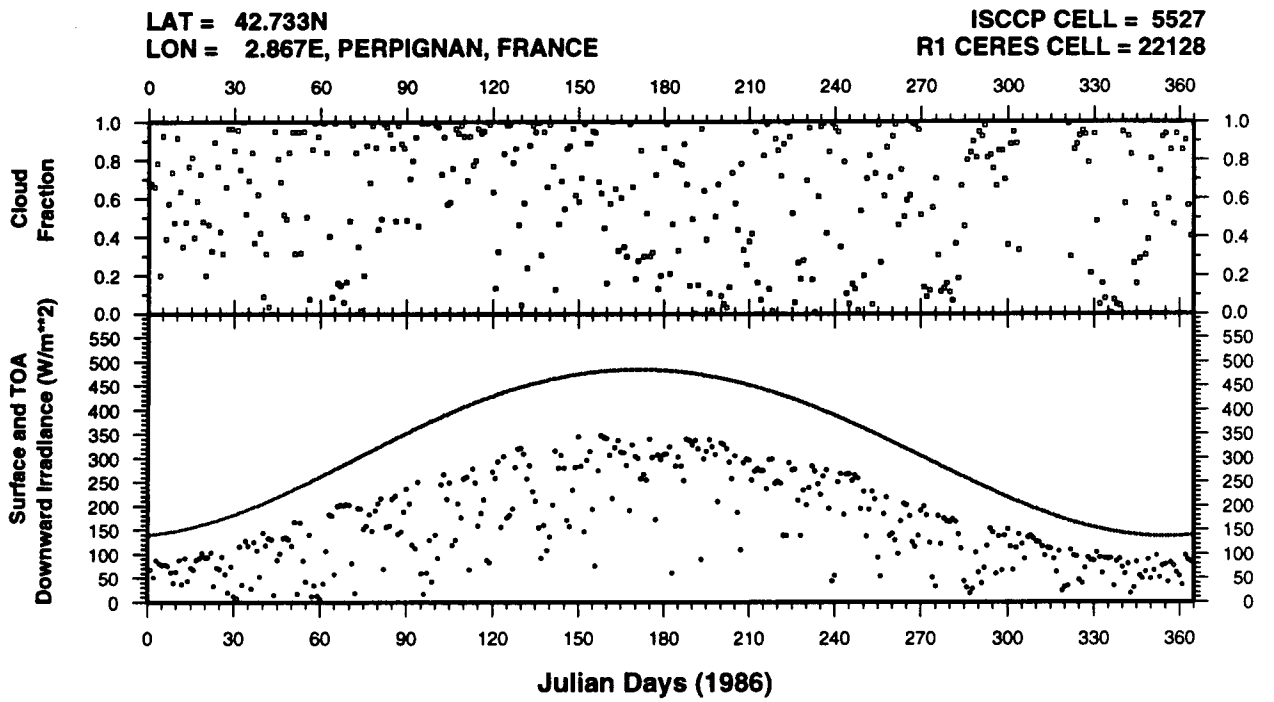
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C56. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CARCASSONNE, FRANCE.



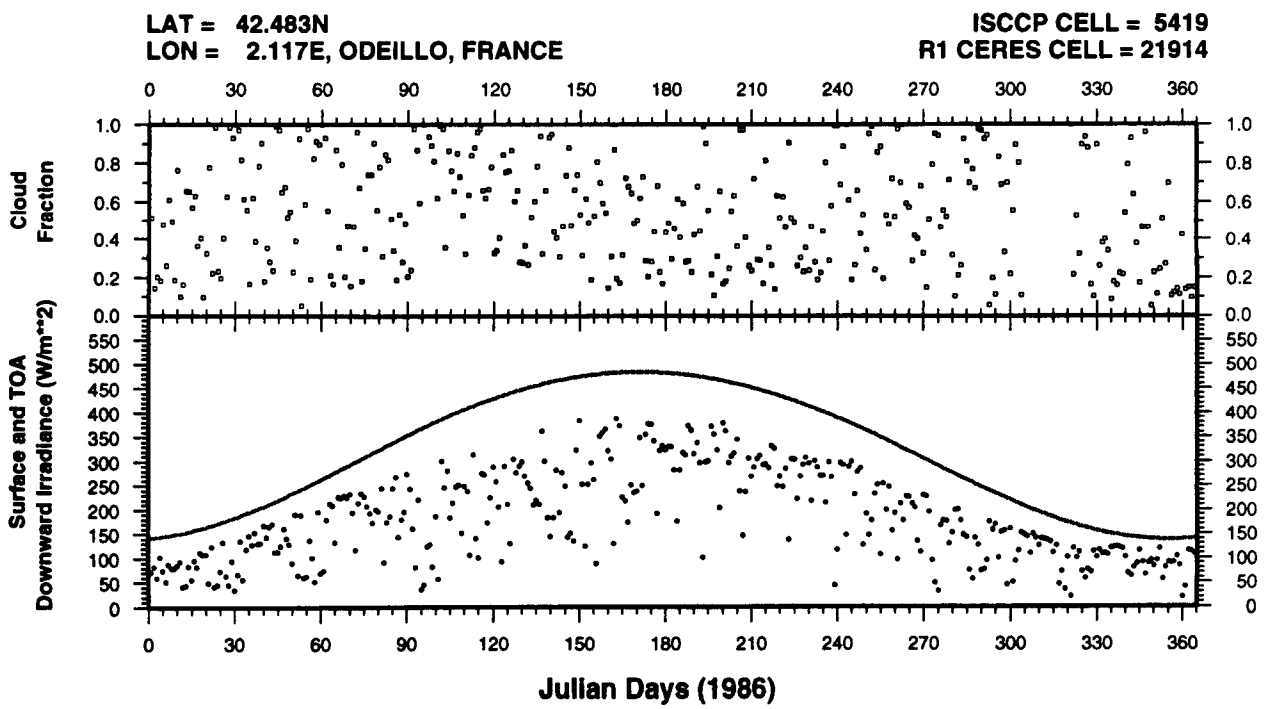
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C57. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TOULON/ILE, FRANCE.



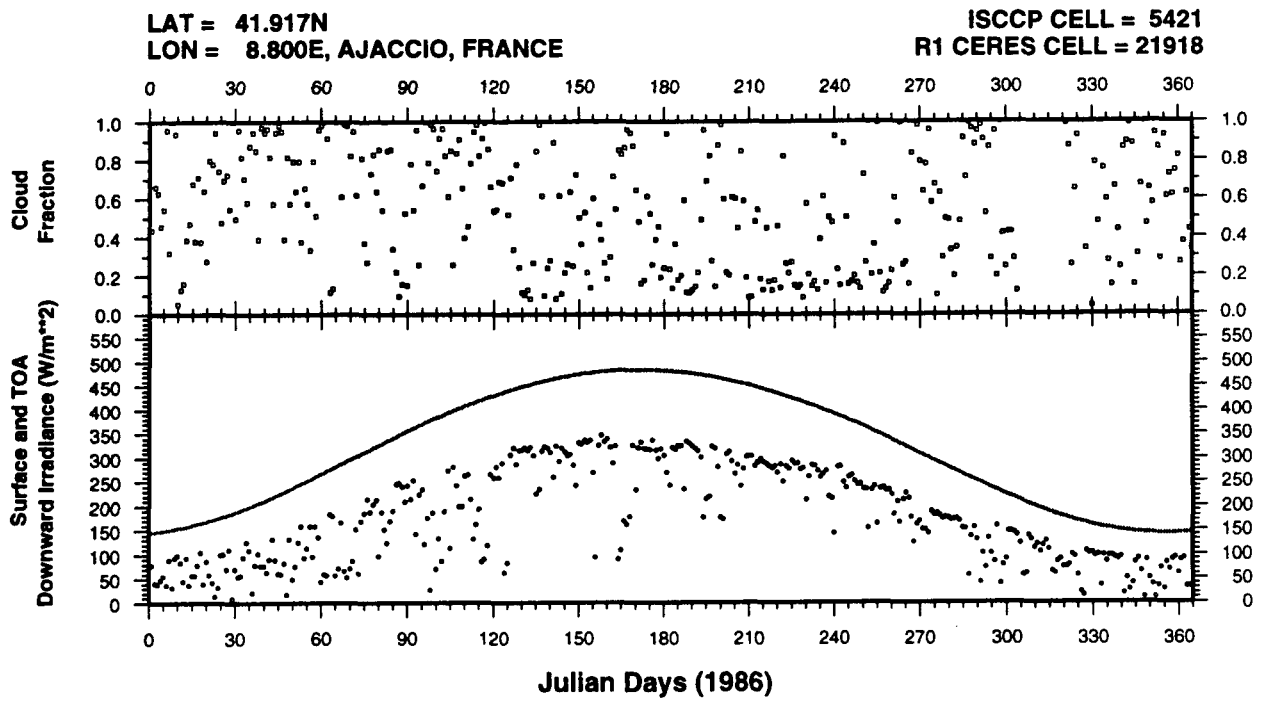
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C58. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PERPIGNAN, FRANCE.



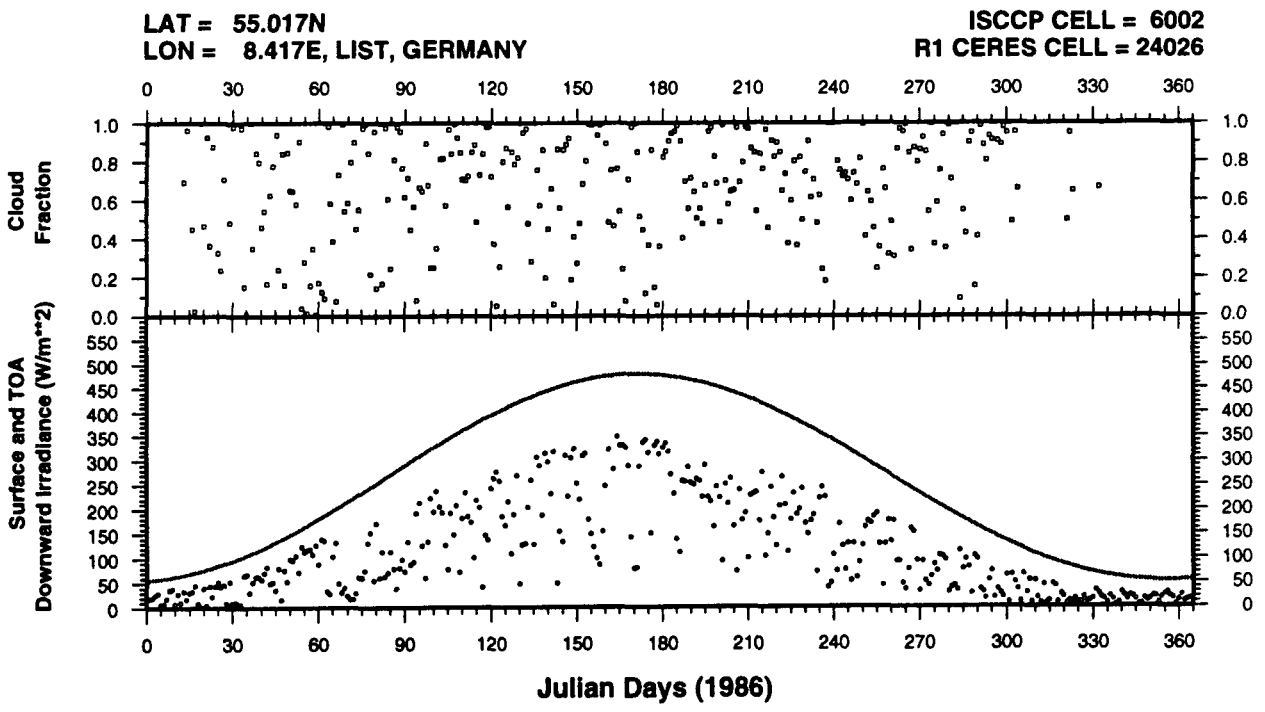
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C59. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ODEILLO, FRANCE.



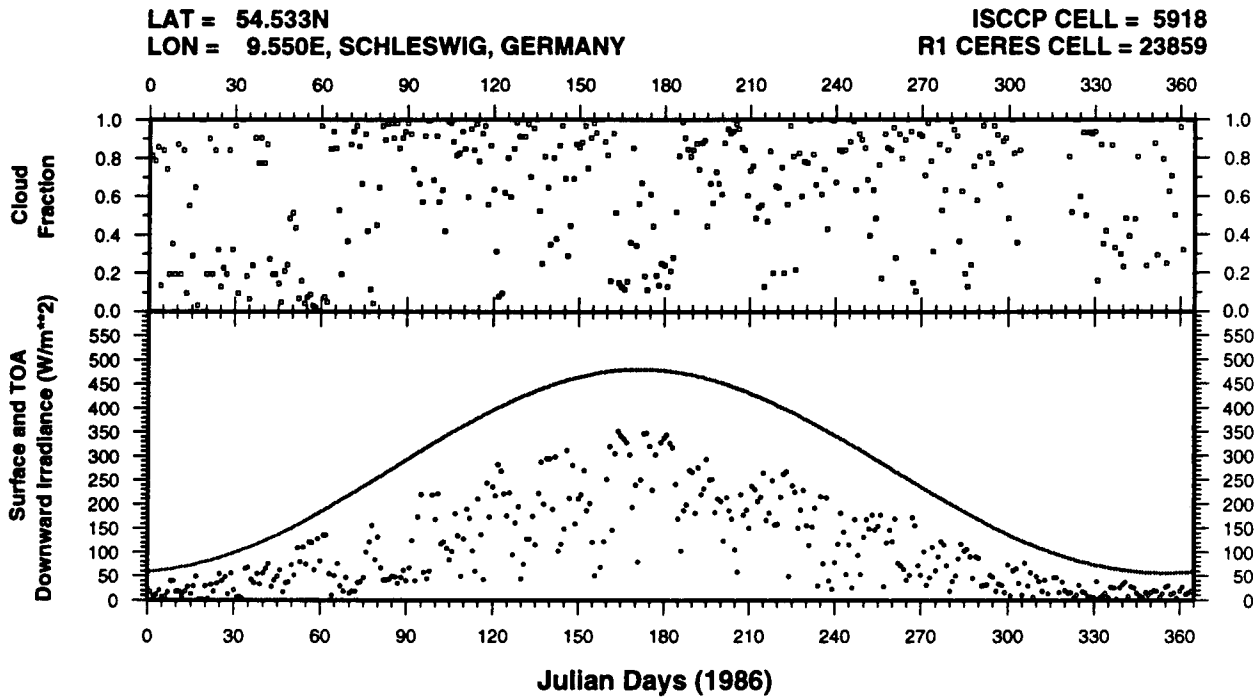
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C60. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AJACCIO, FRANCE.



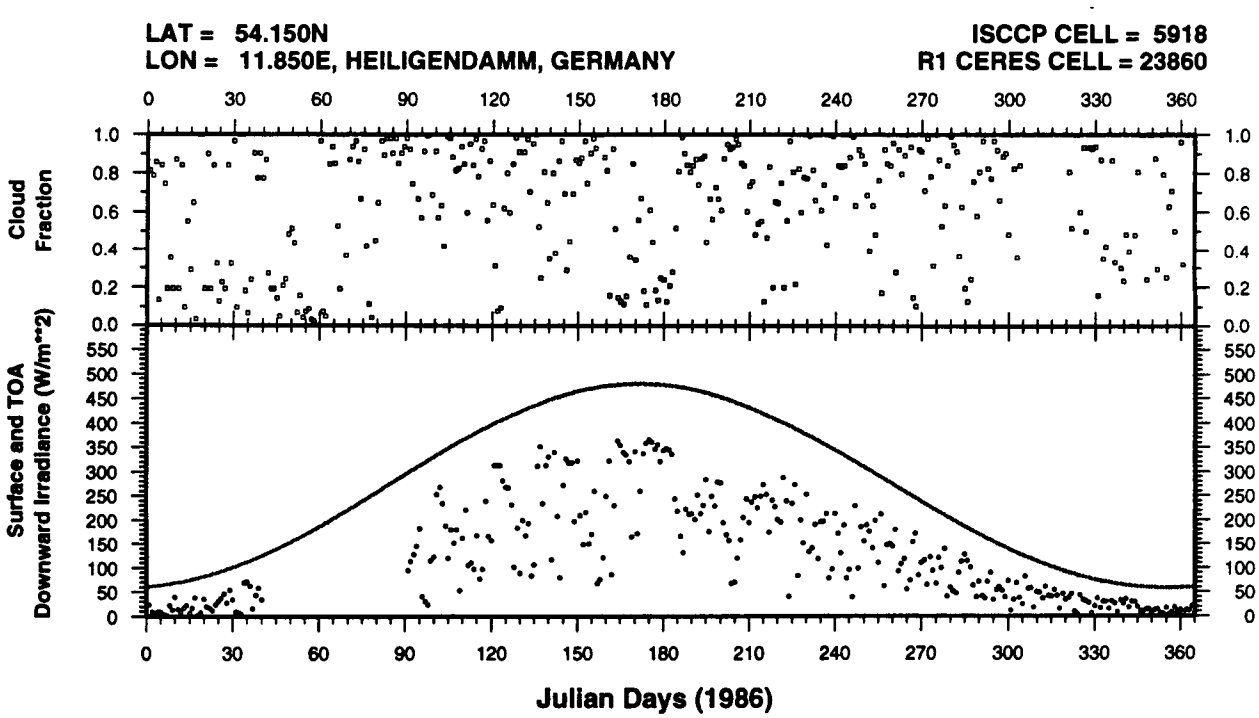
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C61. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LIST, GERMANY.



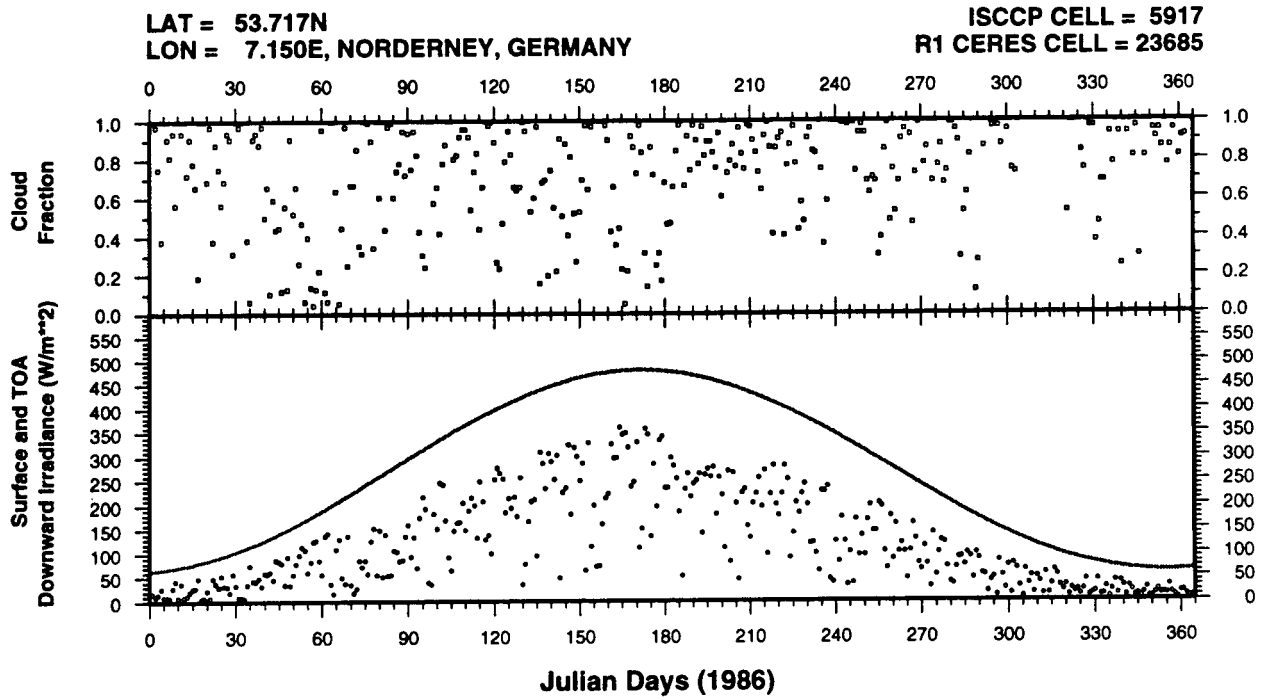
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C62. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SCHLESWIG, GERMANY.



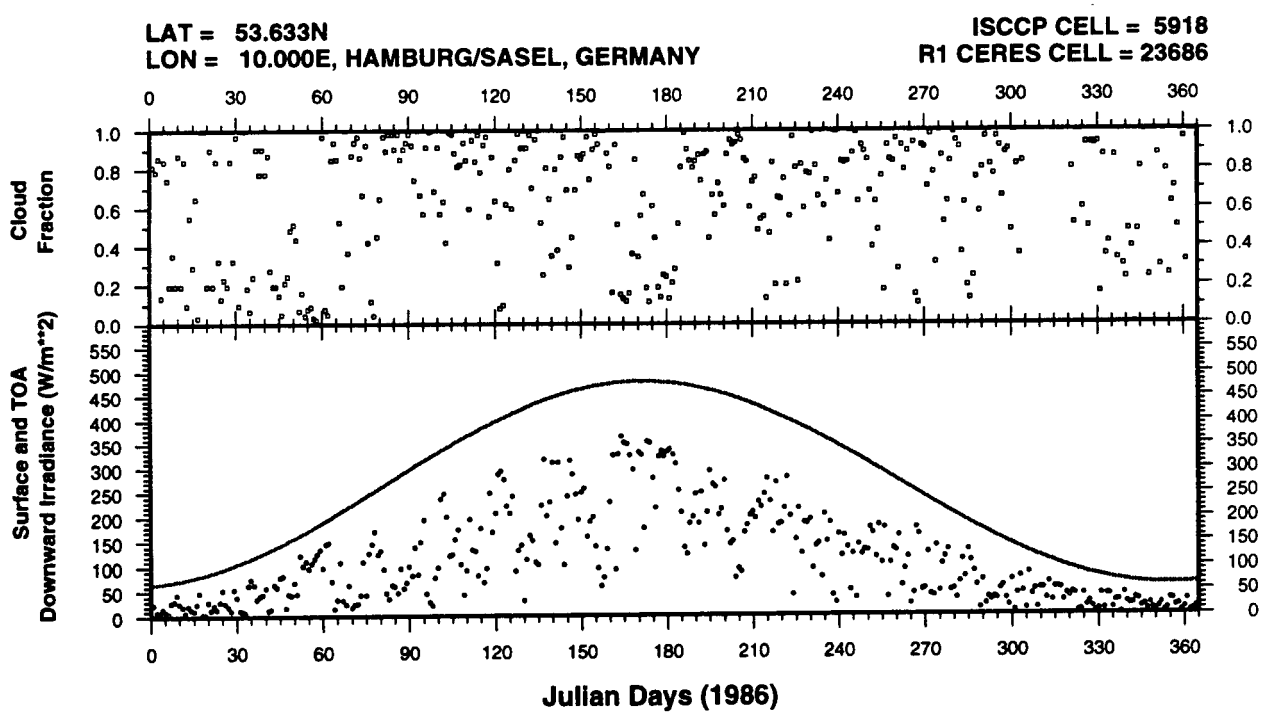
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C63. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HEILIGENDAMM, GERMANY.



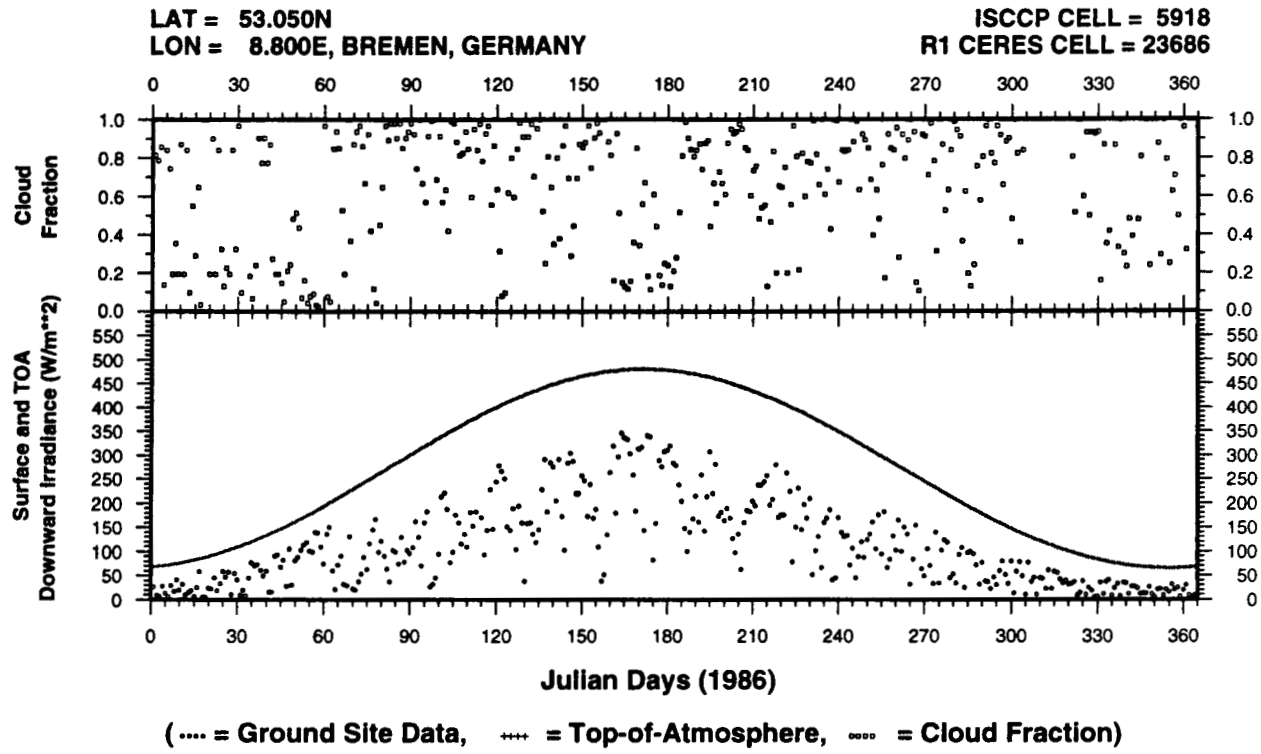
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C64. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NORDERNEY, GERMANY.



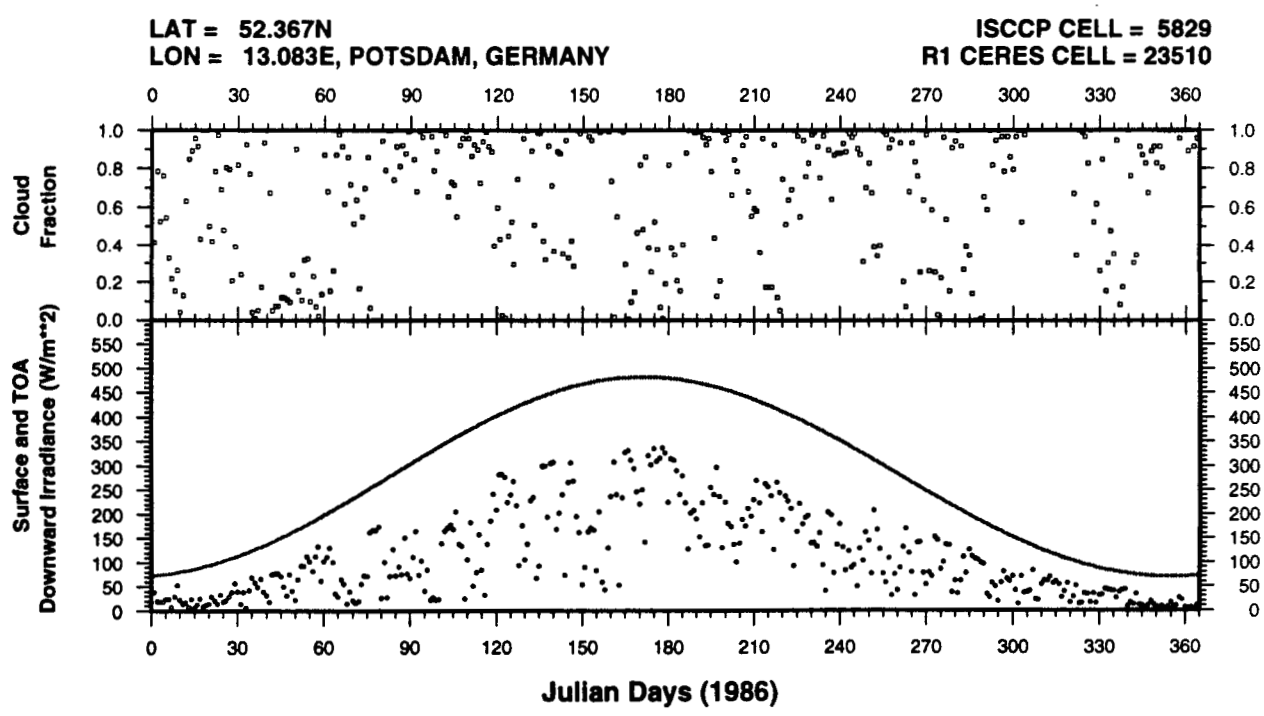
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C65. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HAMBURG/SASEL, GERMANY.



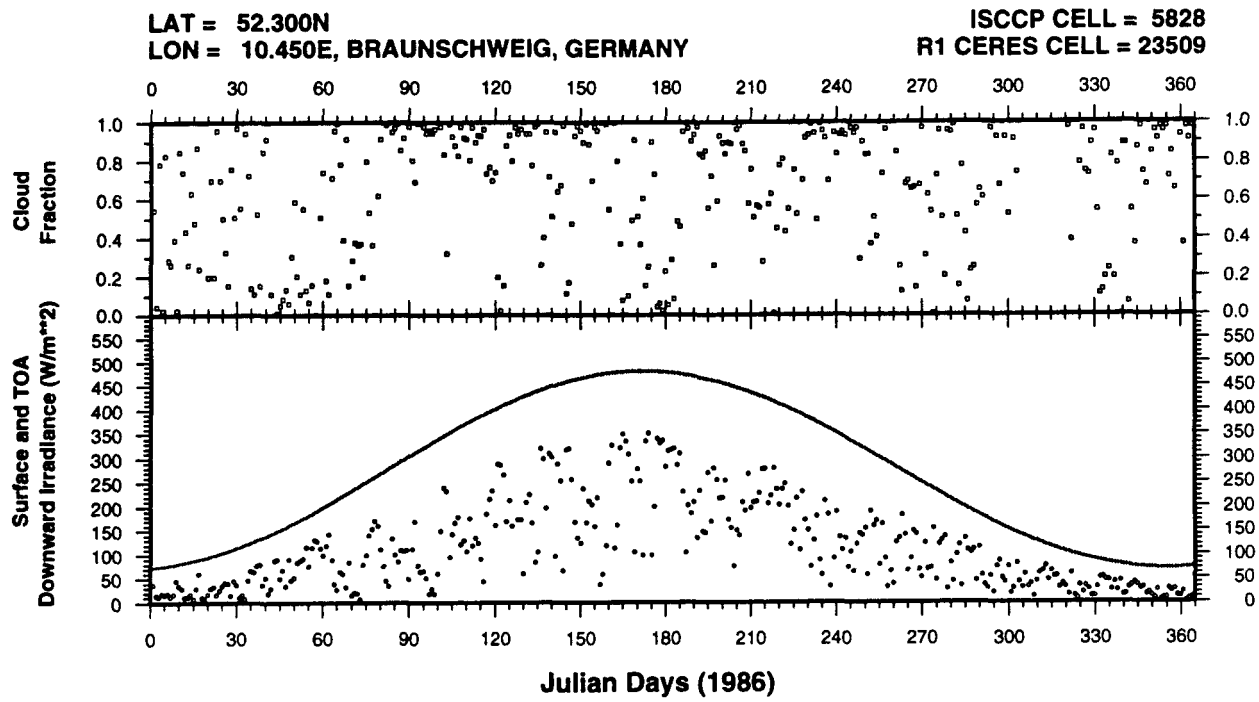
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C66. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BREMEN, GERMANY.



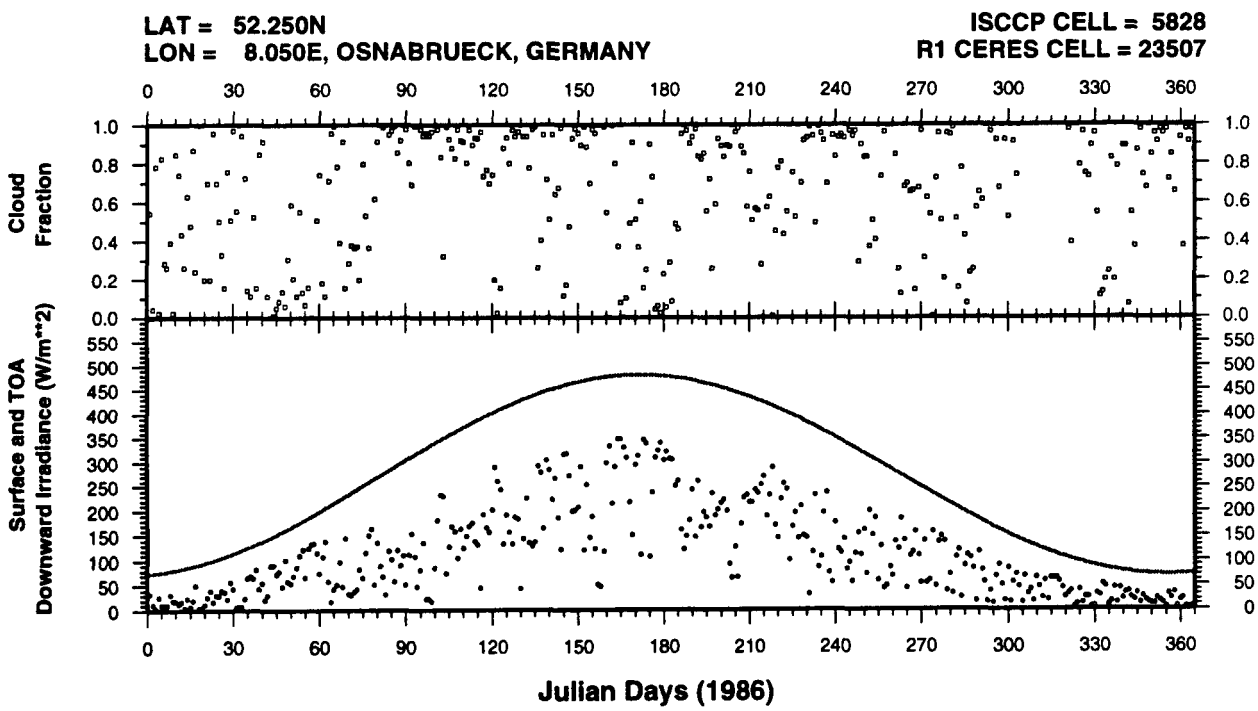
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C67. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for POTSDAM, GERMANY.



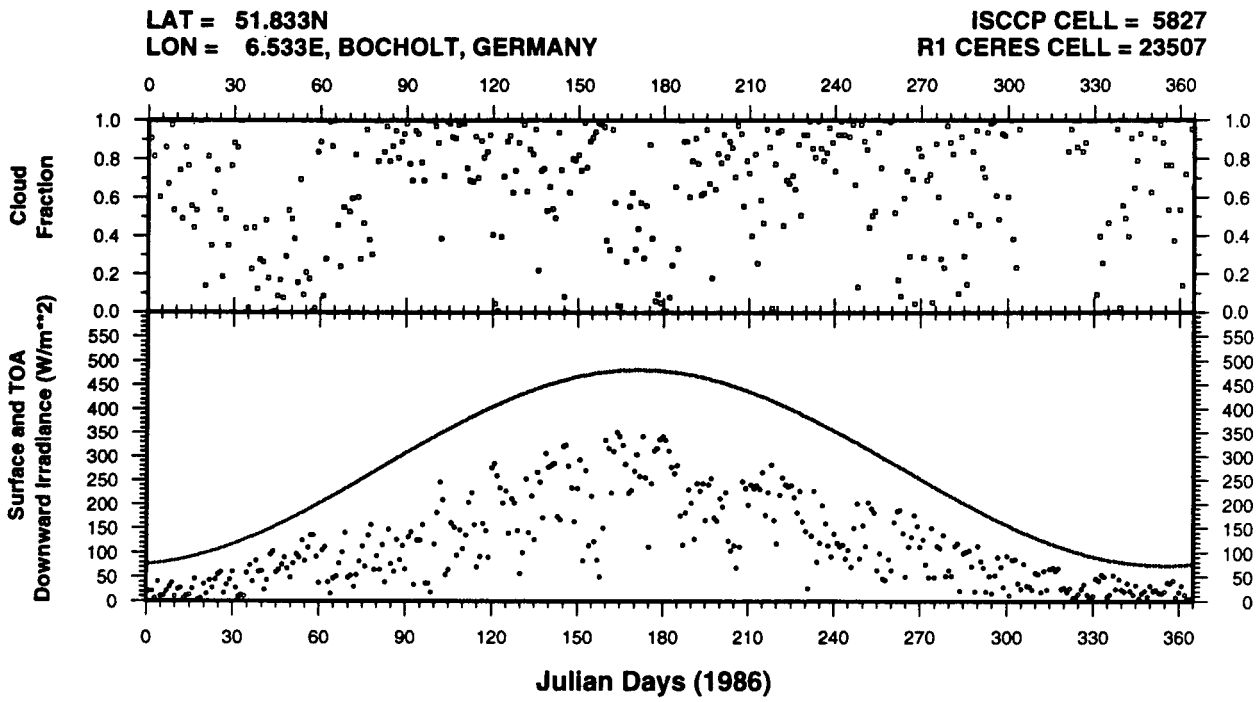
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C68. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRAUNSCHWEIG, GERMANY.



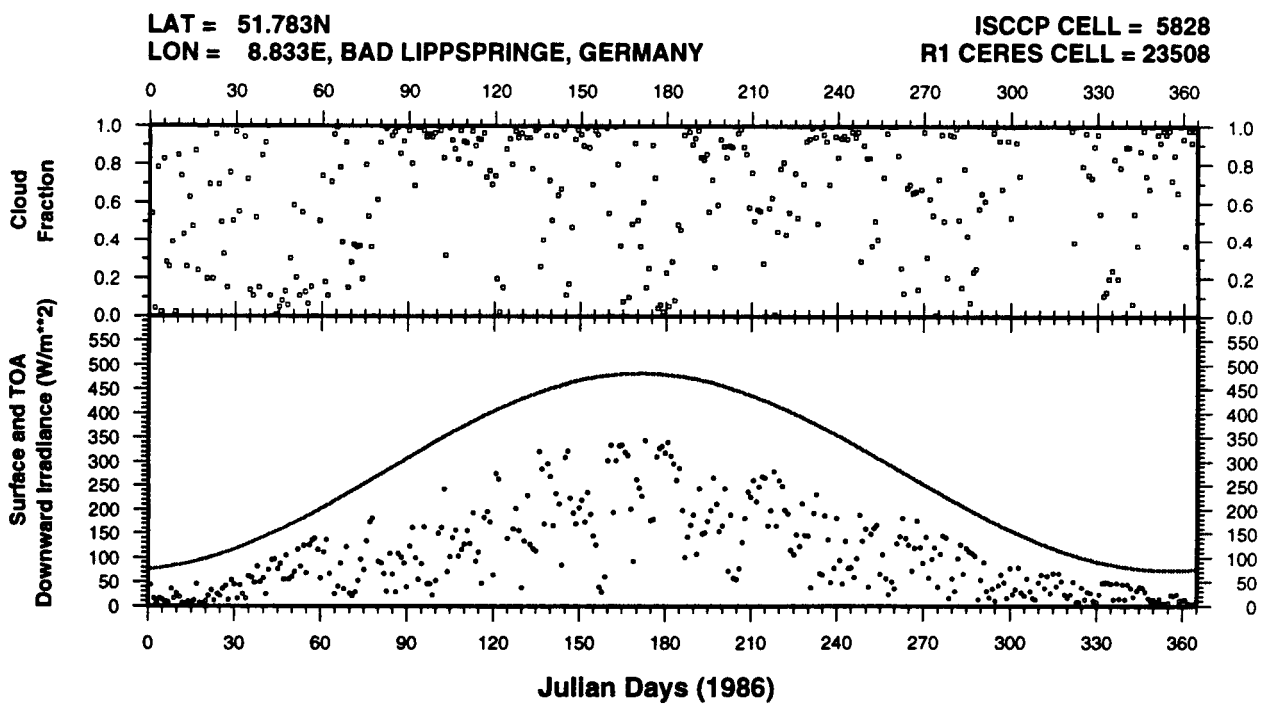
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C69. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OSNABRUECK, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C70. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BOCHOLT, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C71. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BAD LIPPSPRINGE, GERMANY.

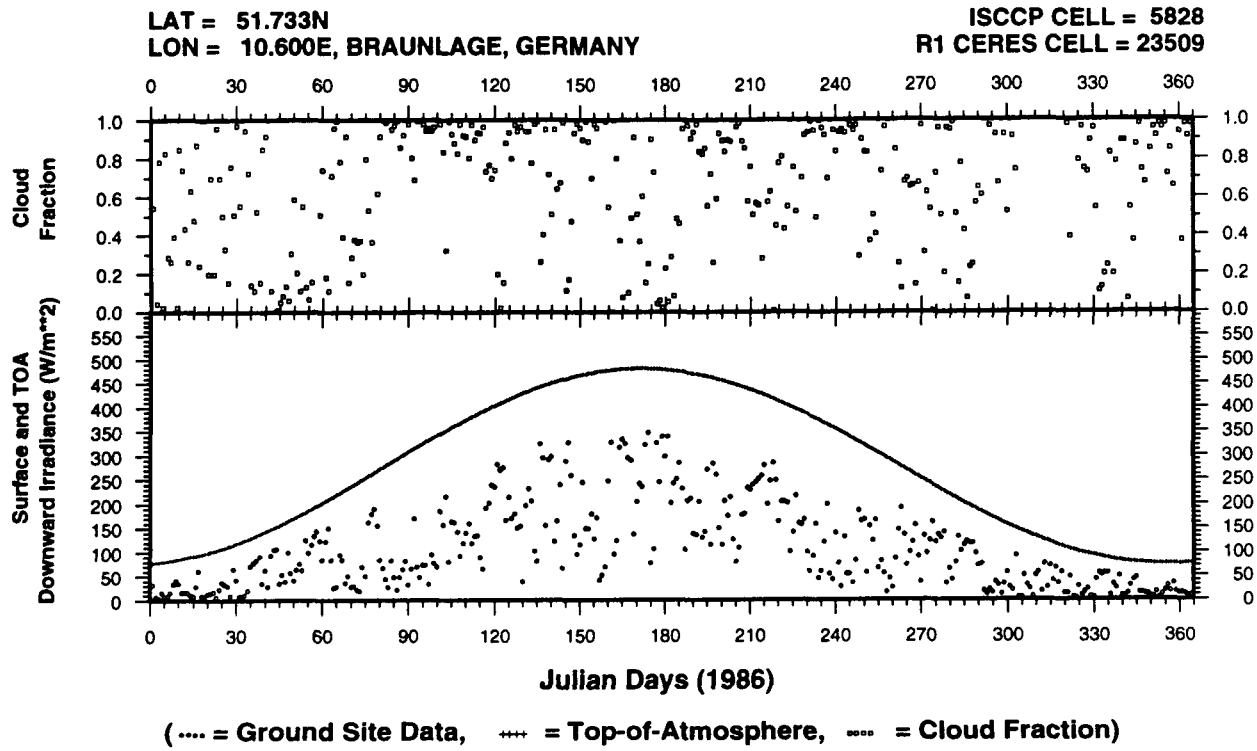


Figure C72. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRAUNLAGE, GERMANY.

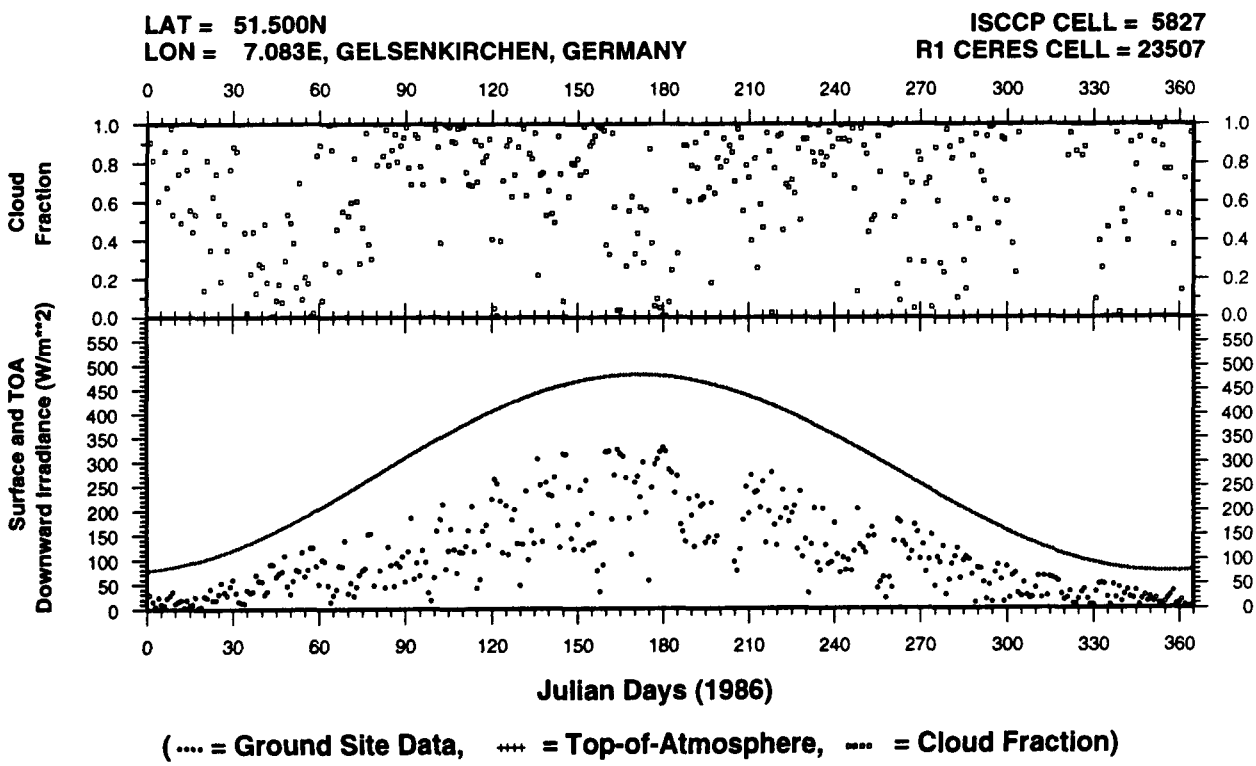


Figure C73. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GELSENKIRCHEN, GERMANY.

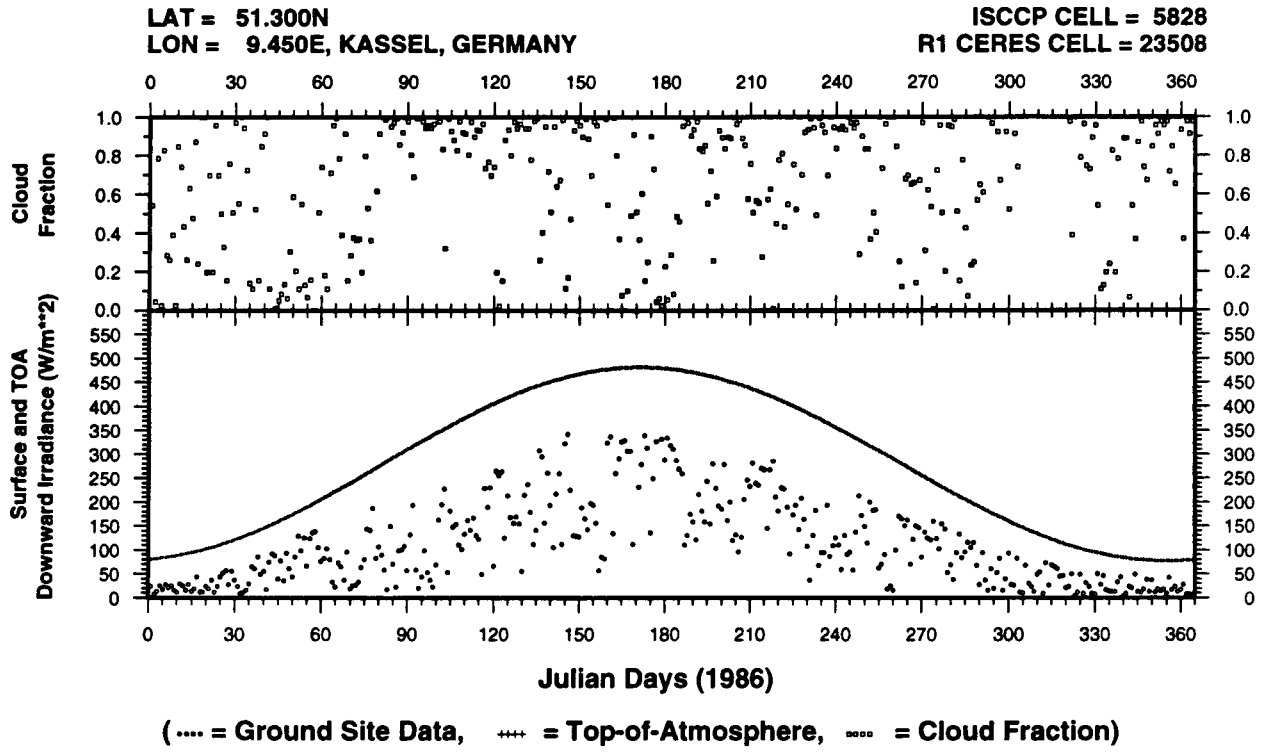


Figure C74. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KASSEL, GERMANY.

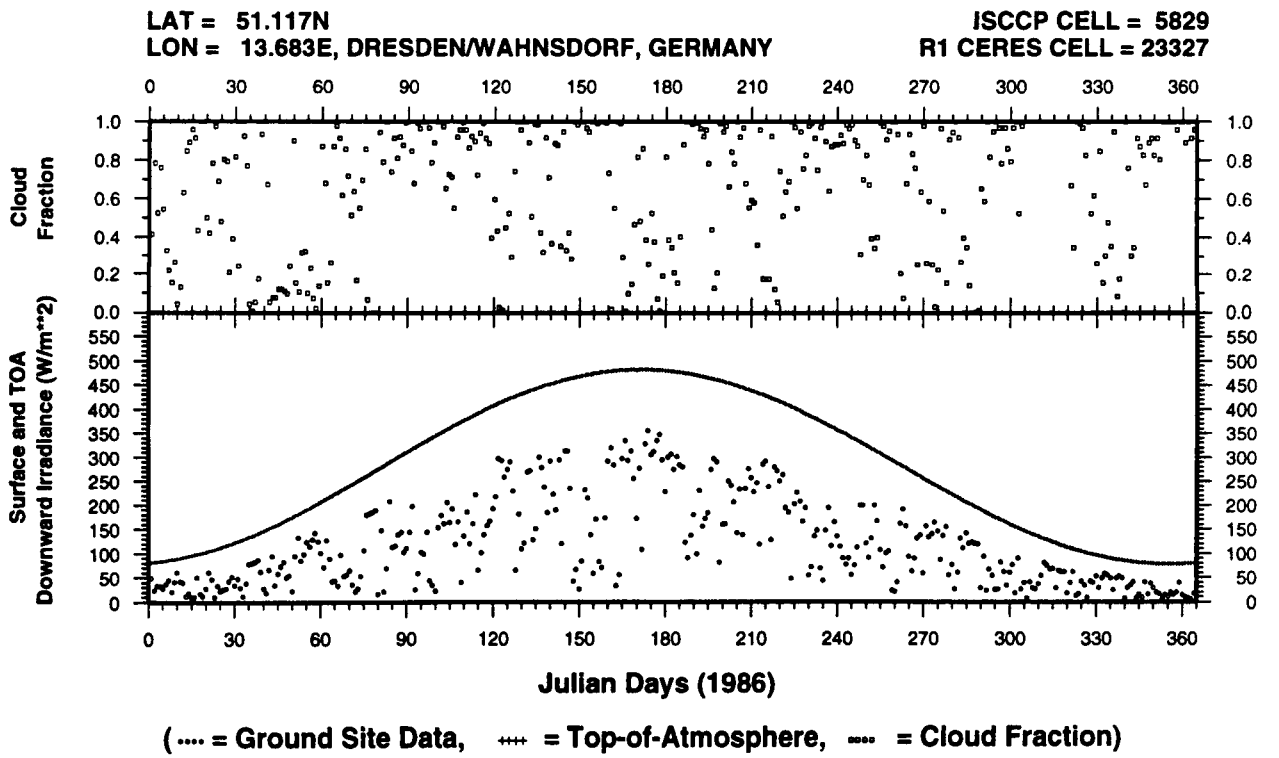


Figure C75. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DRESDEN/WAHNSDORF, GERMANY.

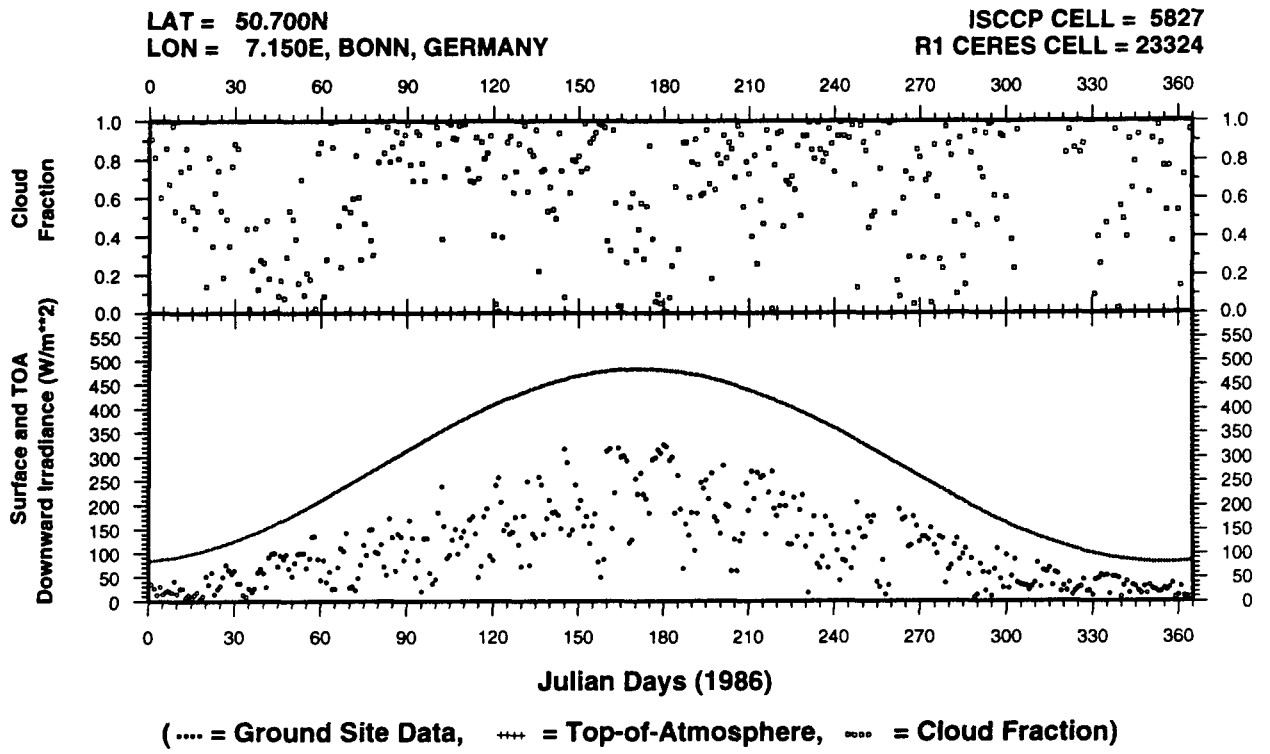


Figure C76. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BONN, GERMANY.

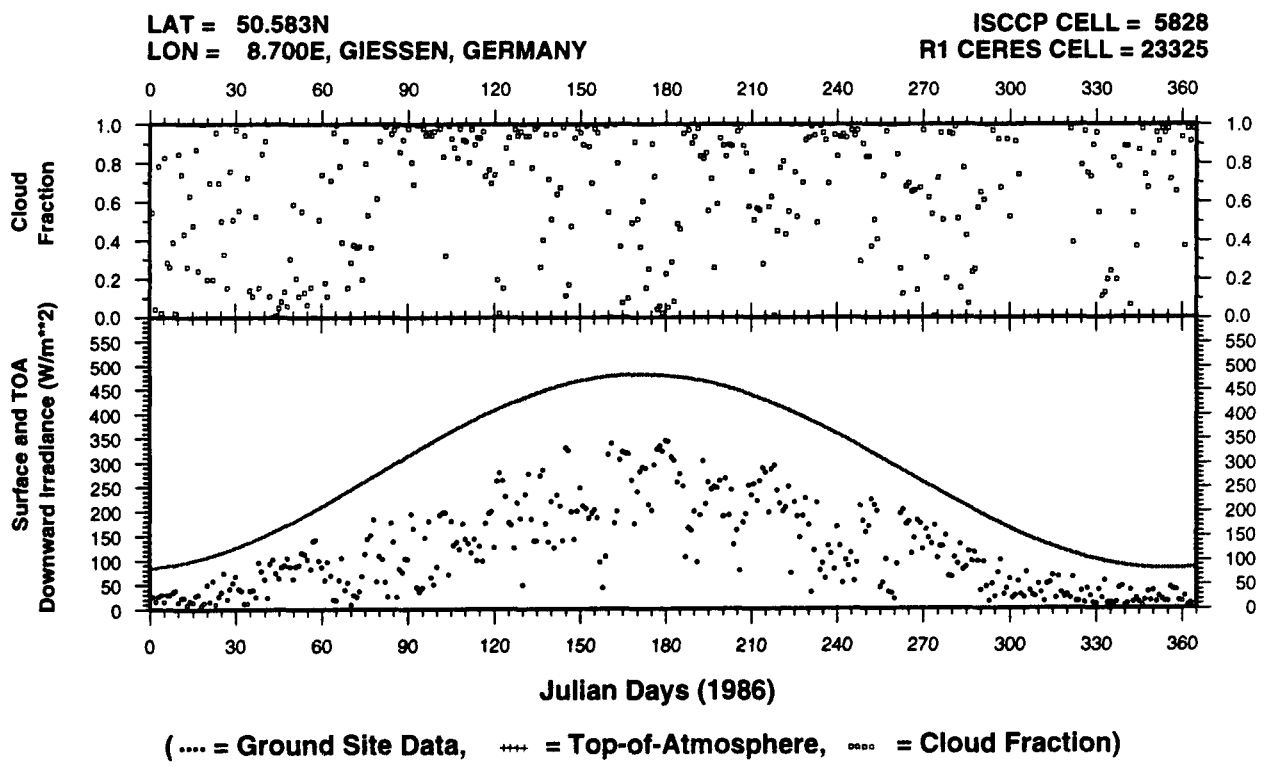


Figure C77. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GIESSEN, GERMANY.

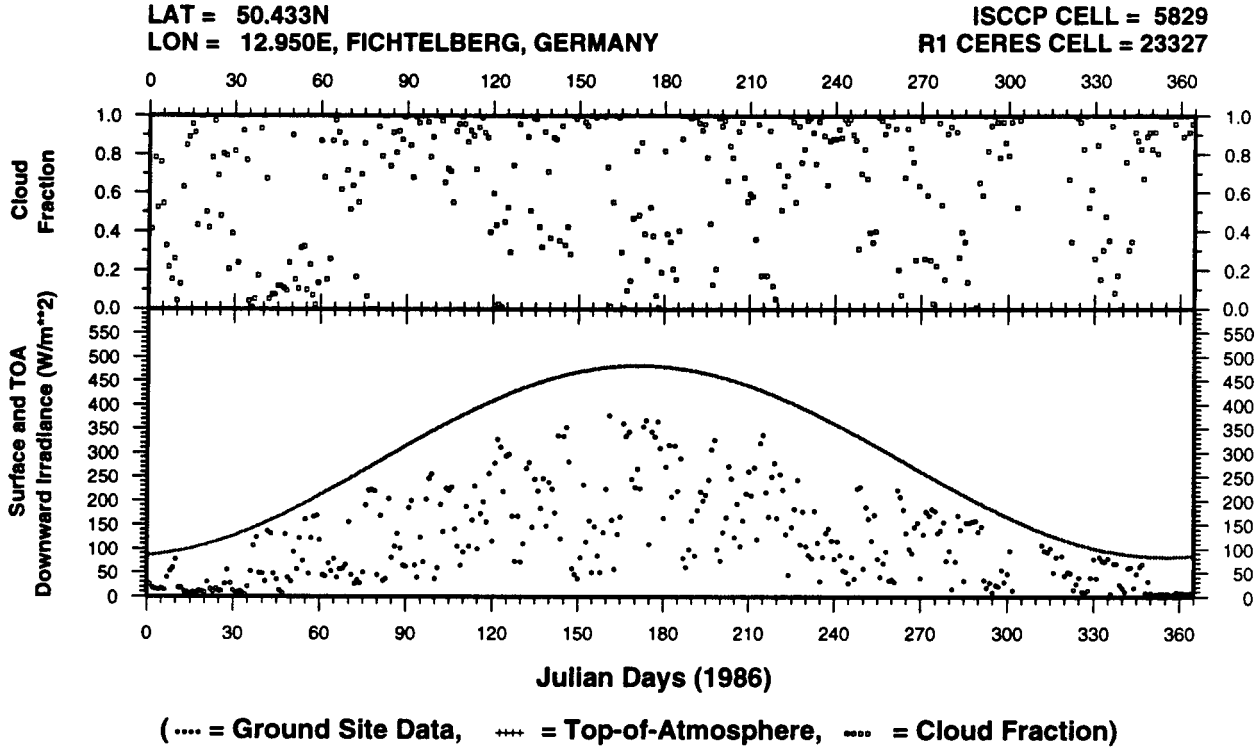


Figure C78. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FICHTELBERG, GERMANY.

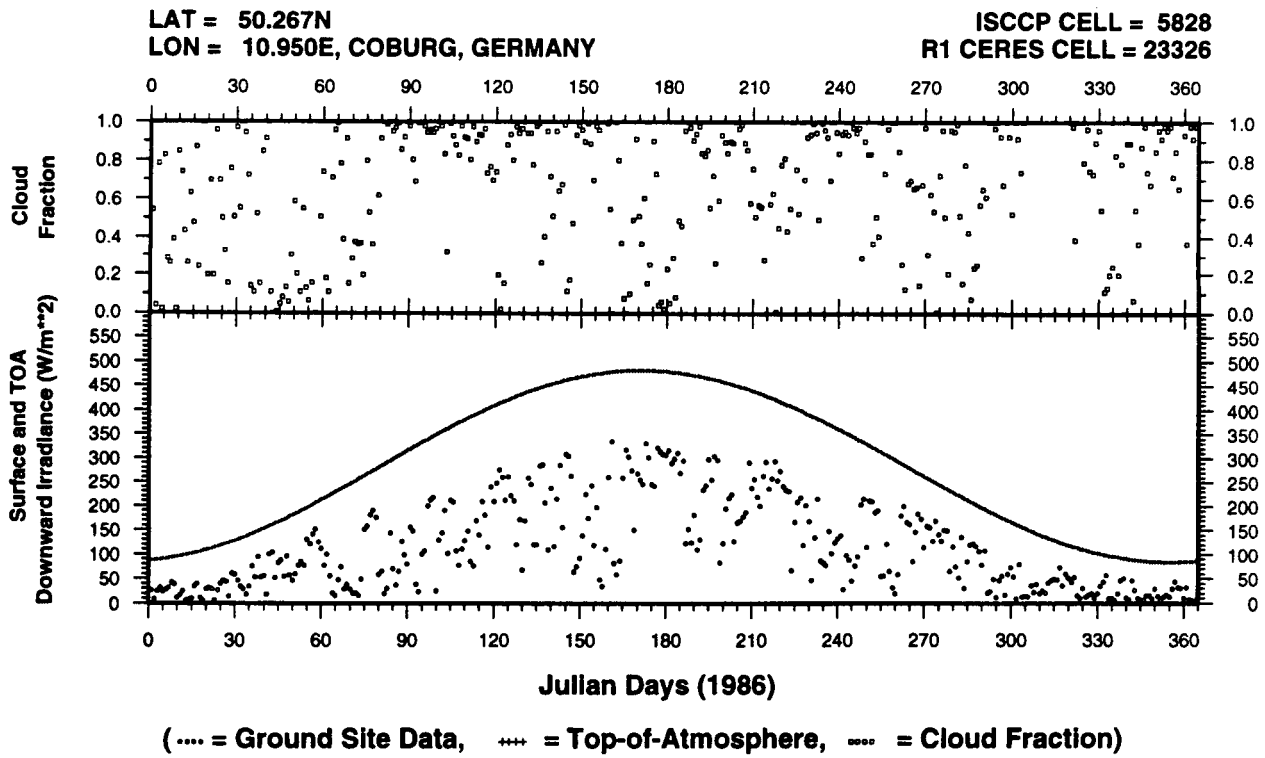


Figure C79. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for COBURG, GERMANY.

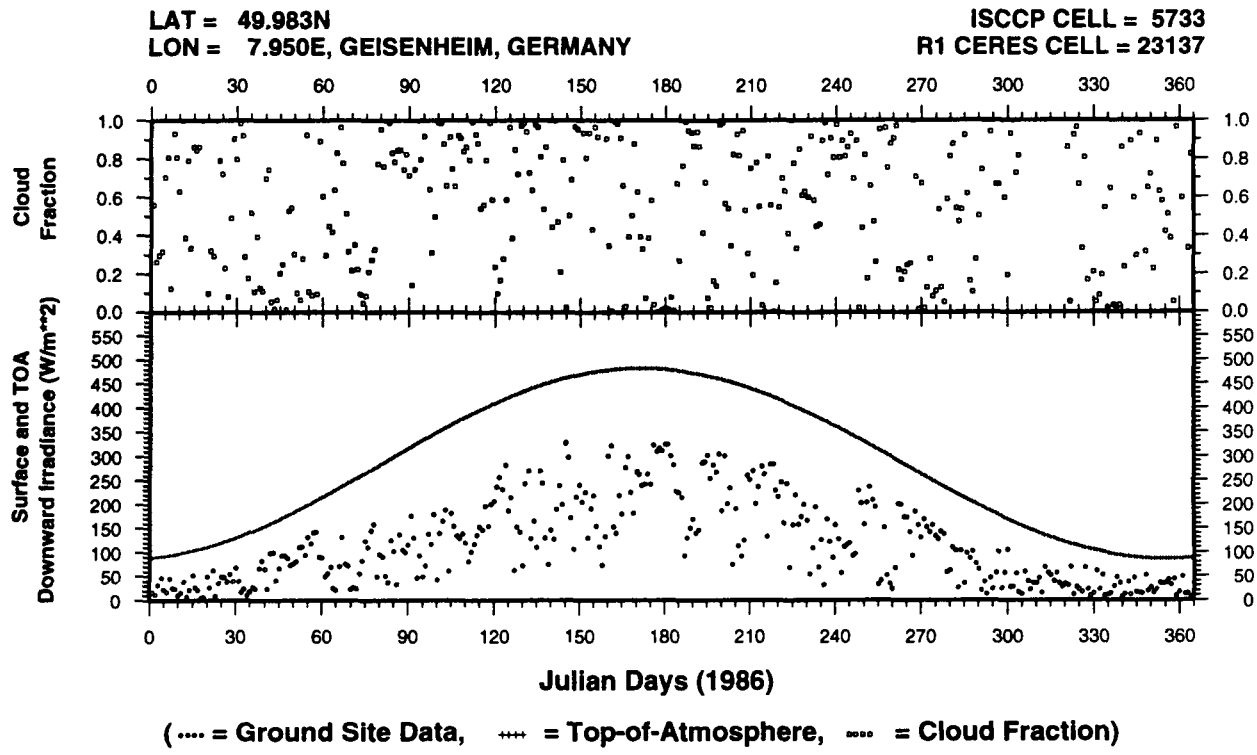


Figure C80. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GEISENHEIM, GERMANY.

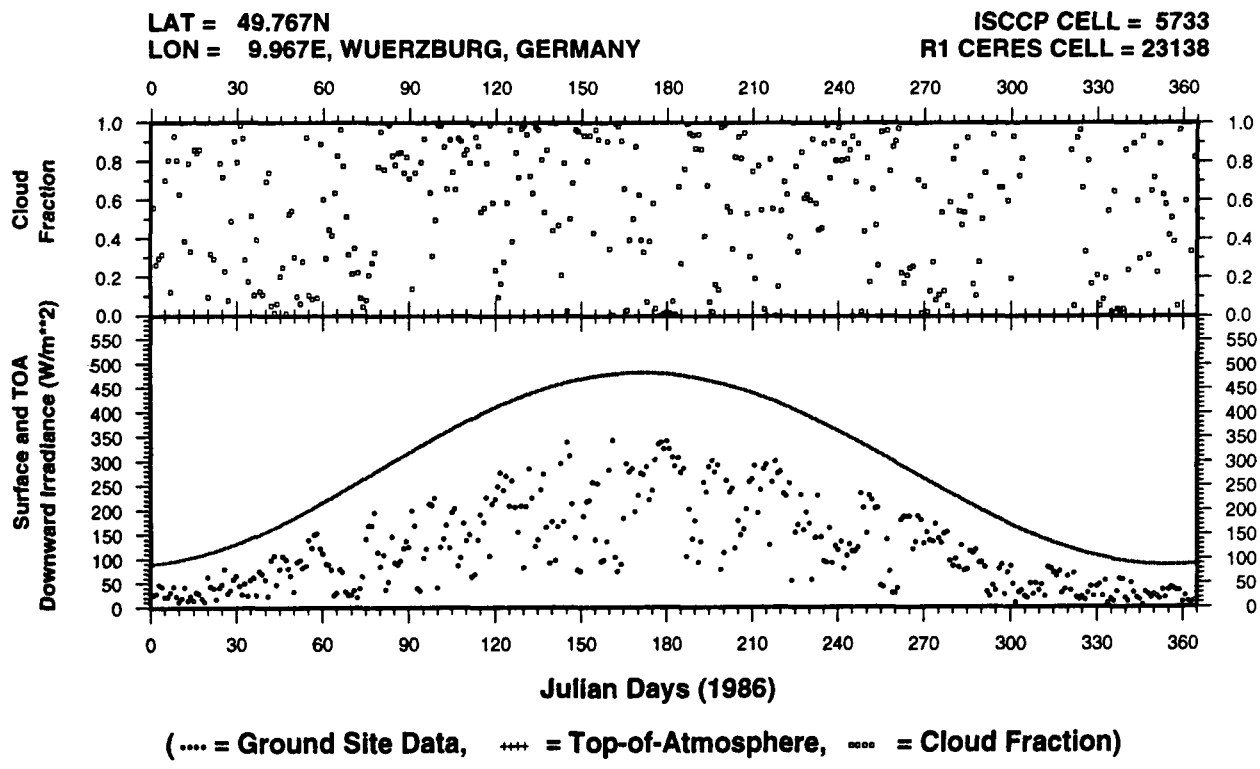


Figure C81. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WUERZBURG, GERMANY.

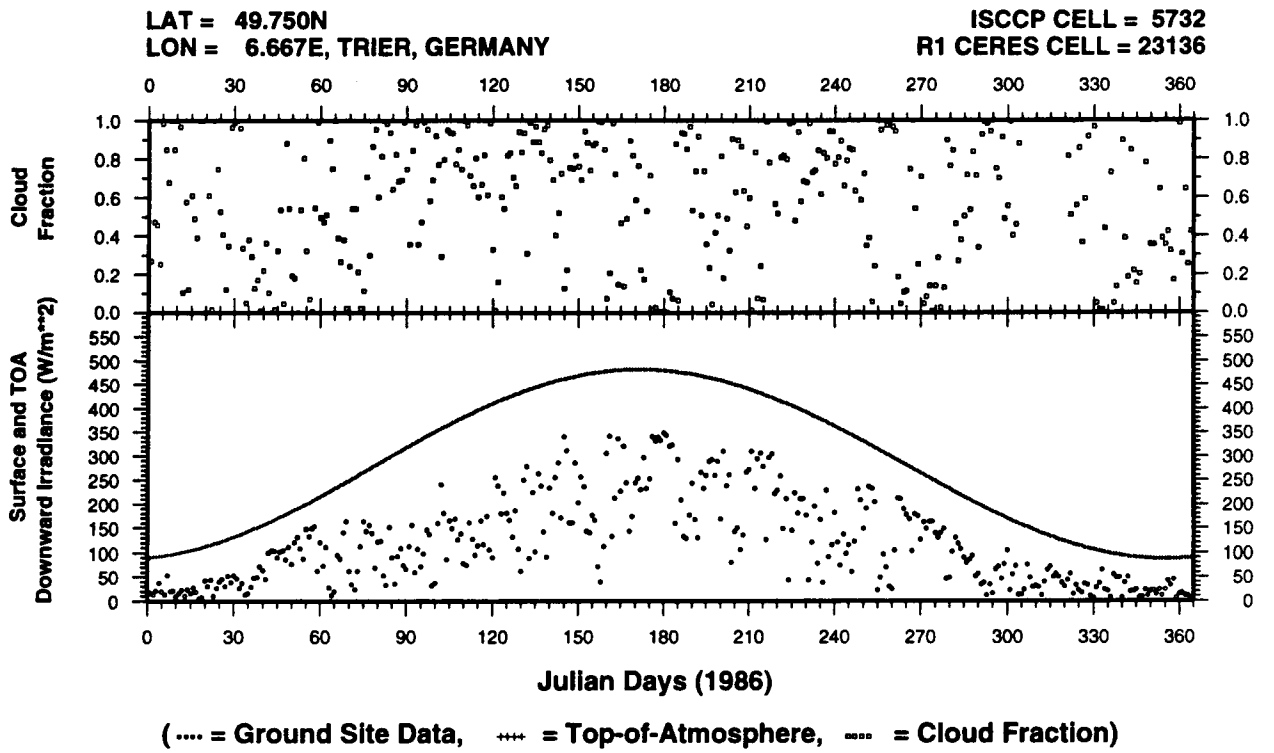


Figure C82. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRIER, GERMANY.

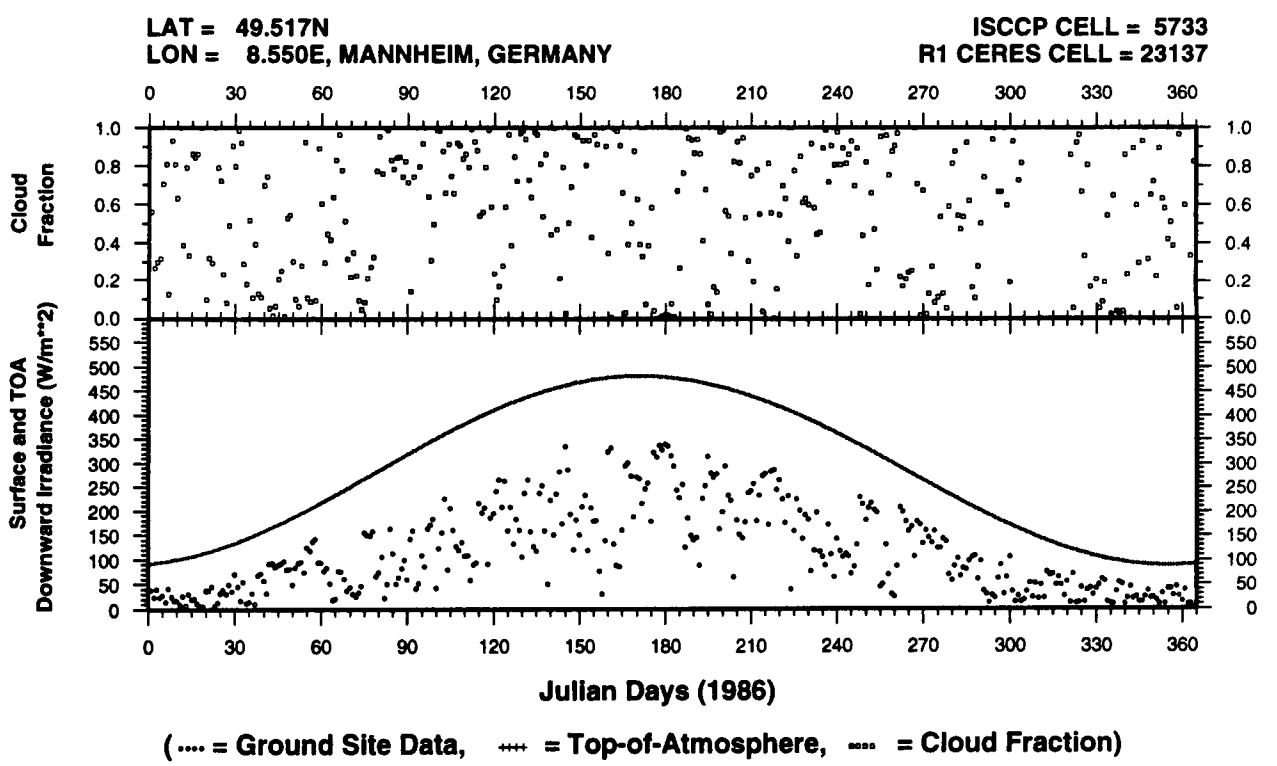
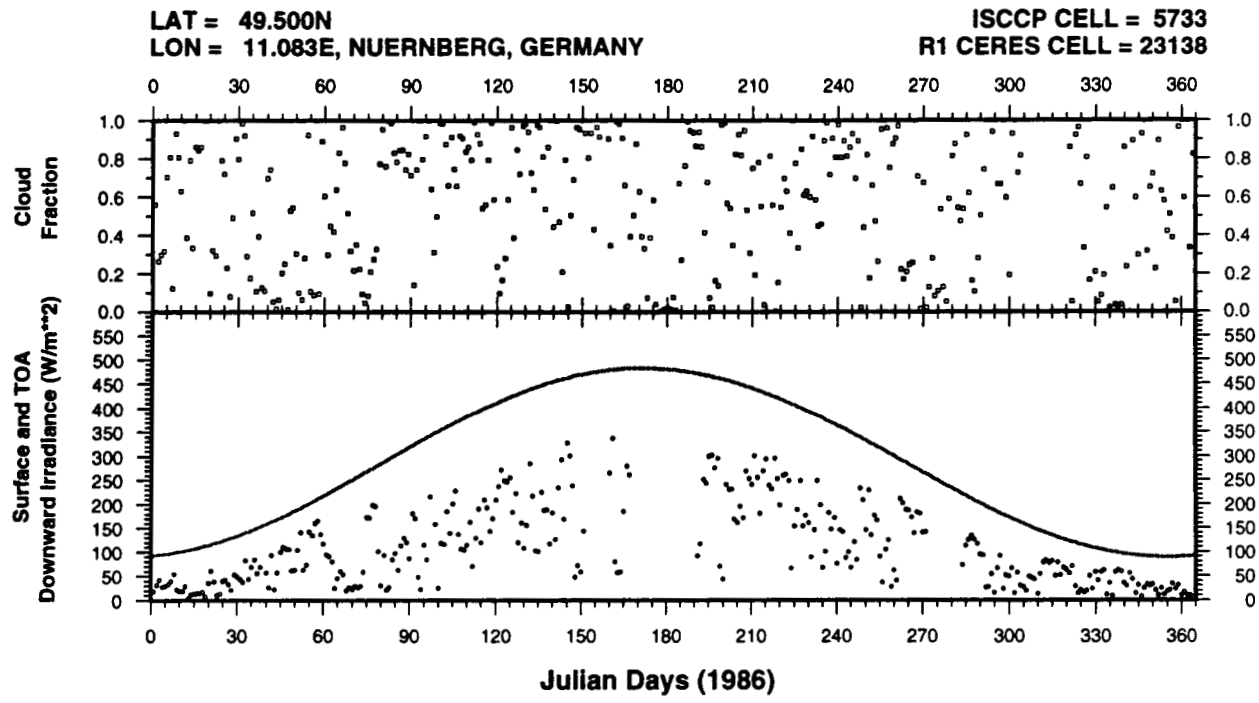
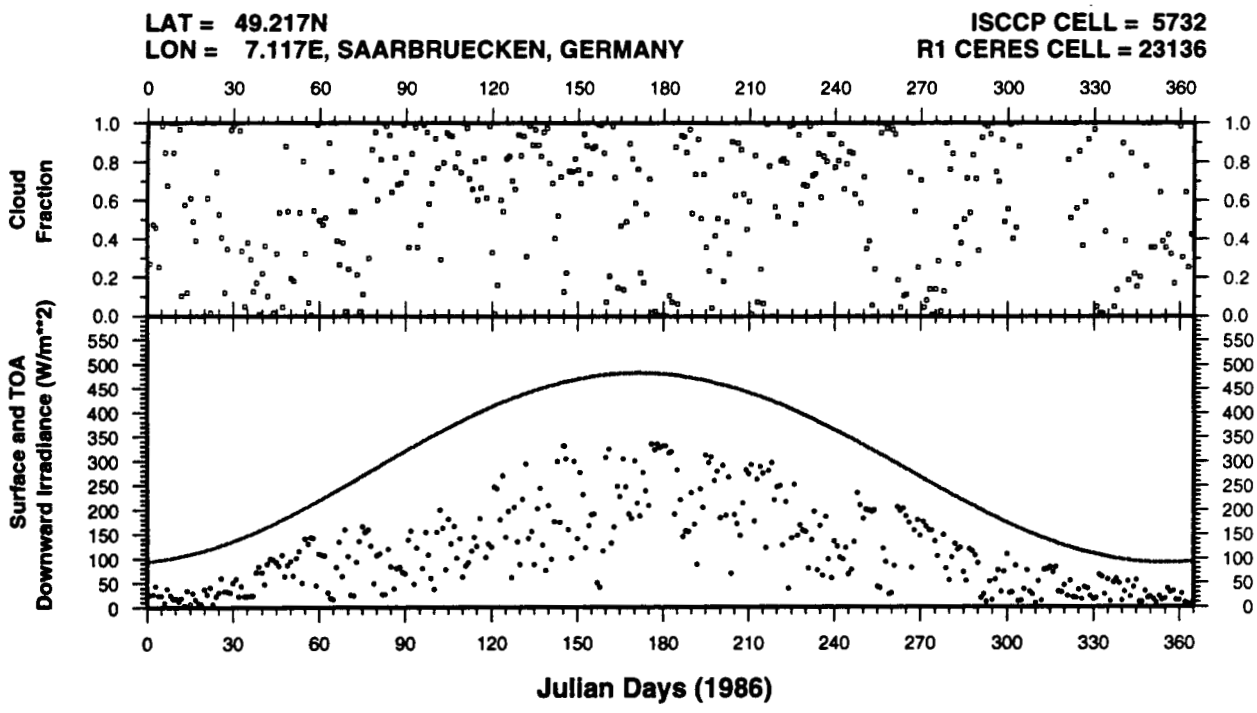


Figure C83. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MANNHEIM, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C84. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NUERNBERG, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C85. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SAARBRUECKEN, GERMANY.

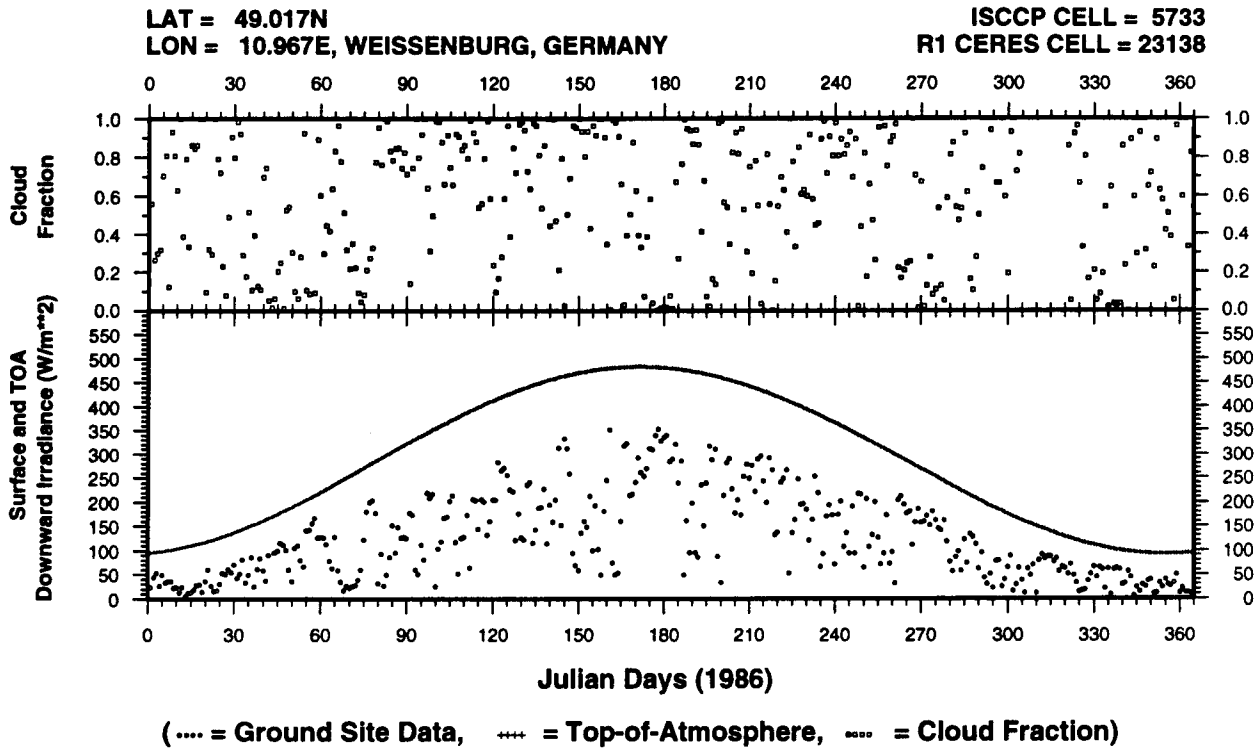


Figure C86. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WEISSENBURG, GERMANY.

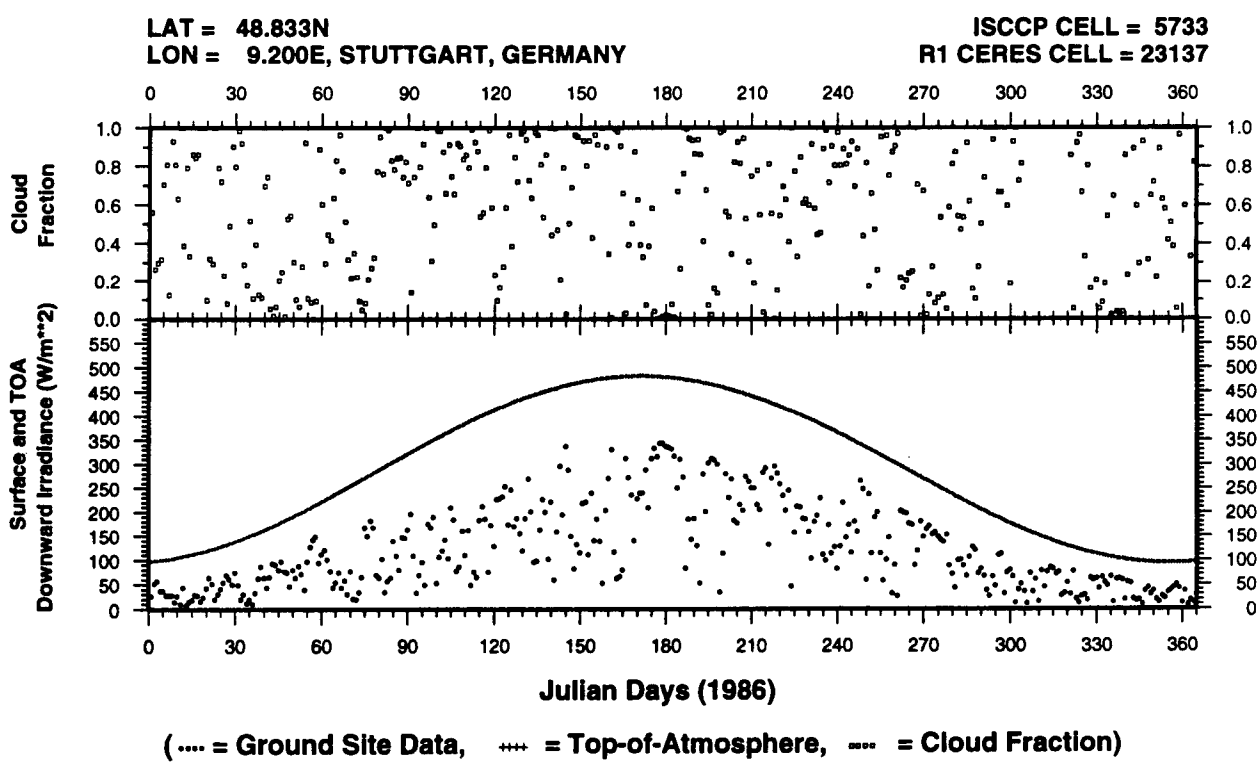
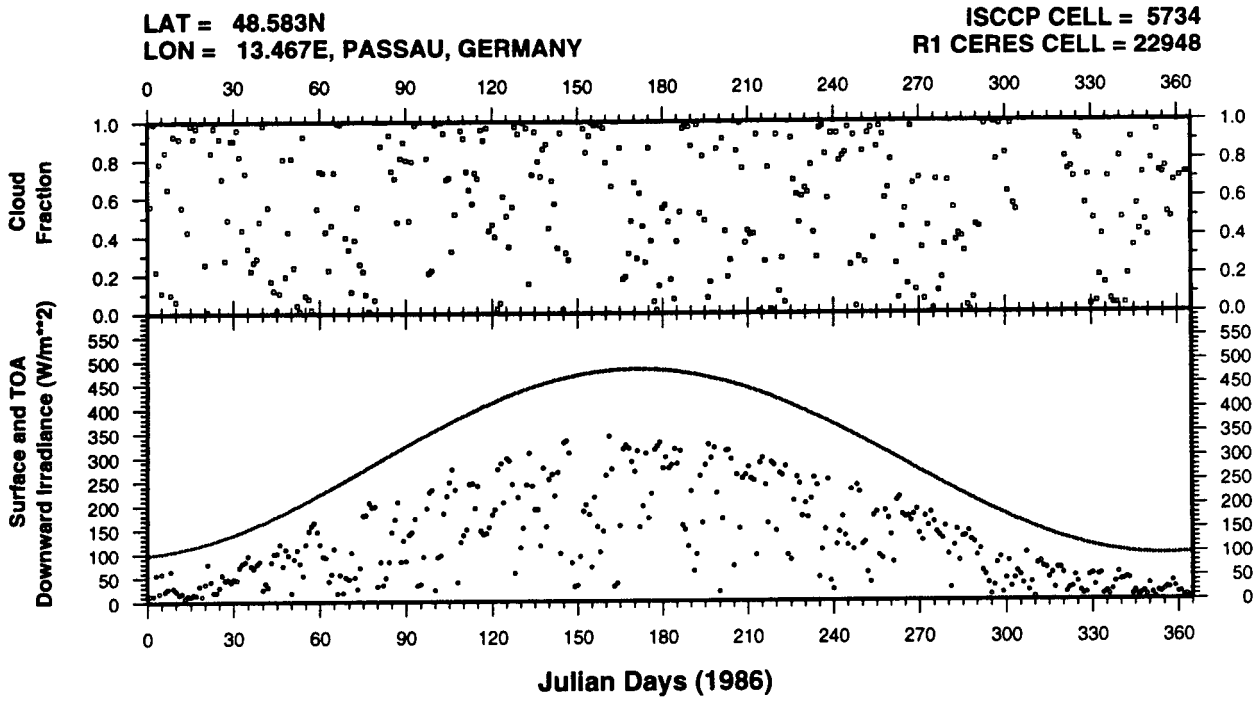
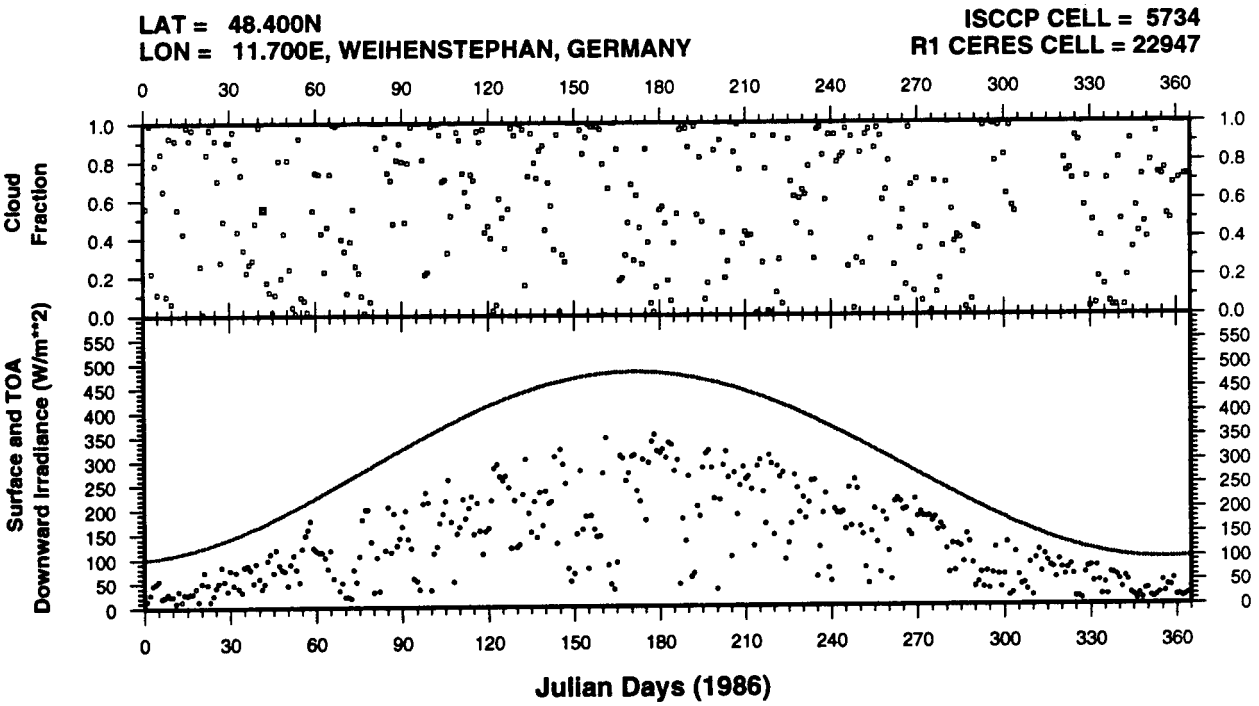


Figure C87. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for STUTTGART, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C88. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PASSAU, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C89. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WEIHENSTEPHAN, GERMANY.

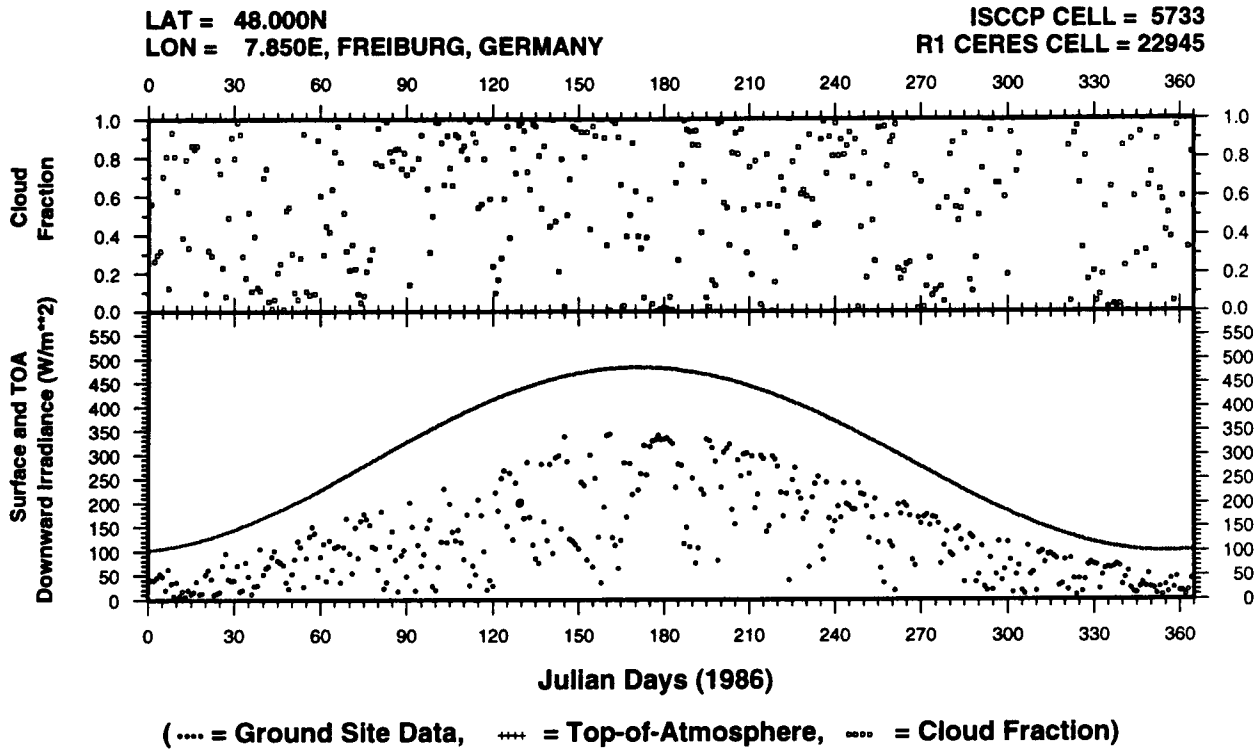


Figure C90. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FREIBURG, GERMANY.

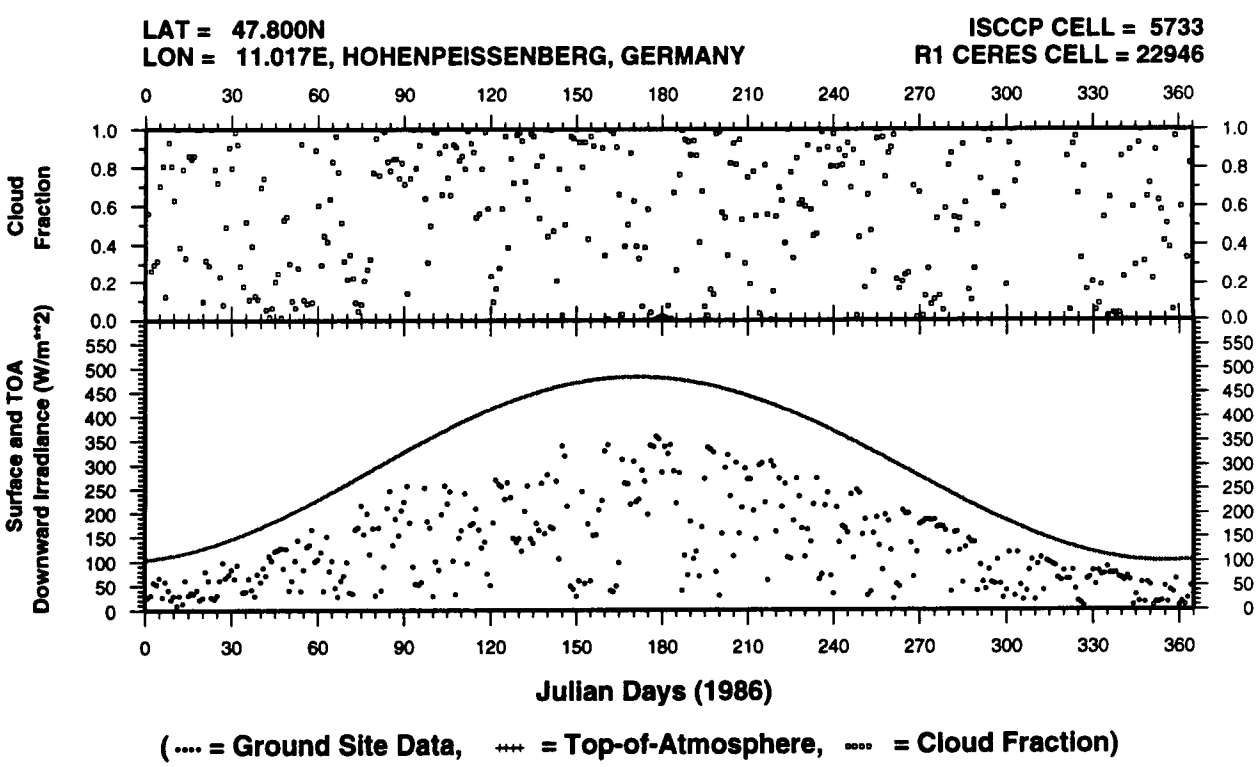
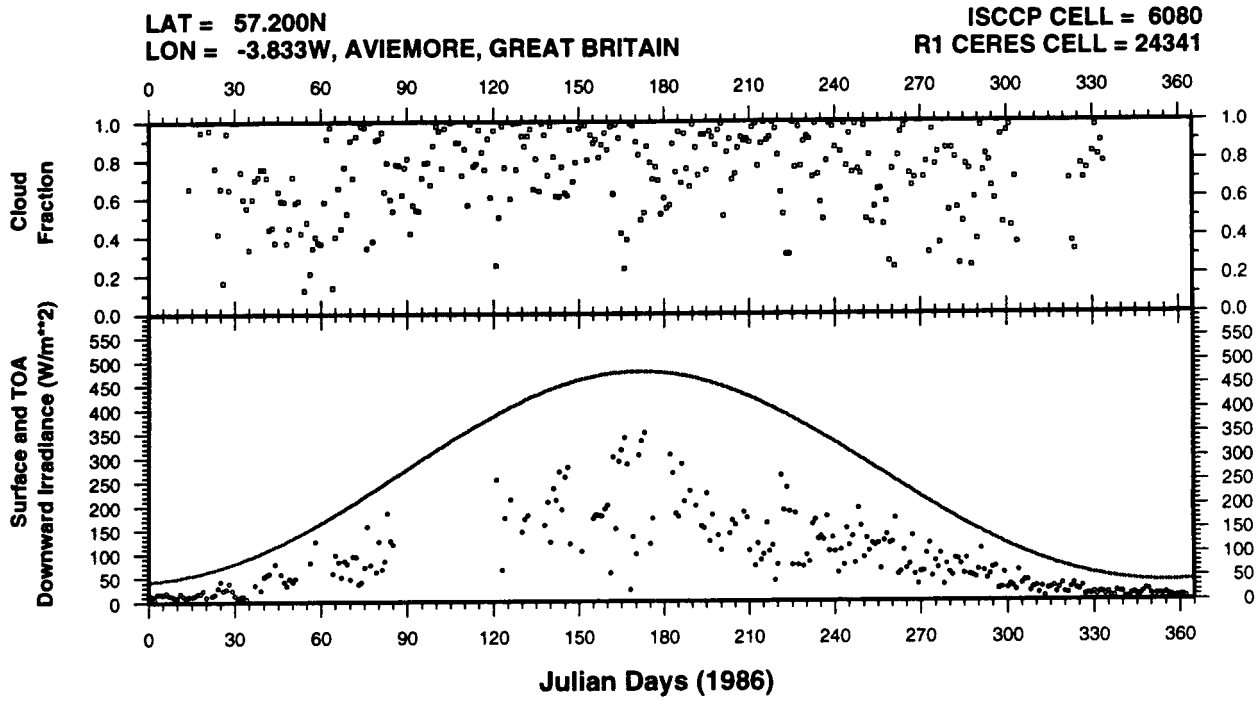
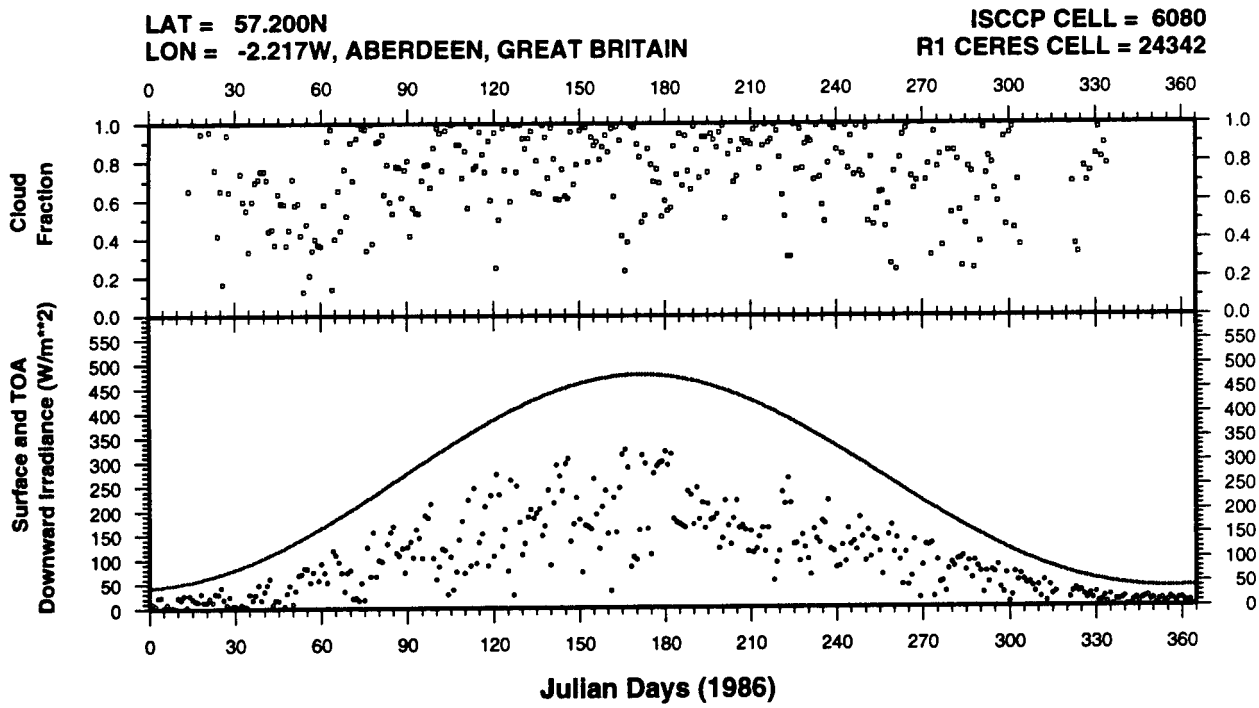


Figure C91. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HOHENPEISSENBERG, GERMANY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C92. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AVIEMORE, GREAT BRITAIN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C93. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ABERDEEN, GREAT BRITAIN.

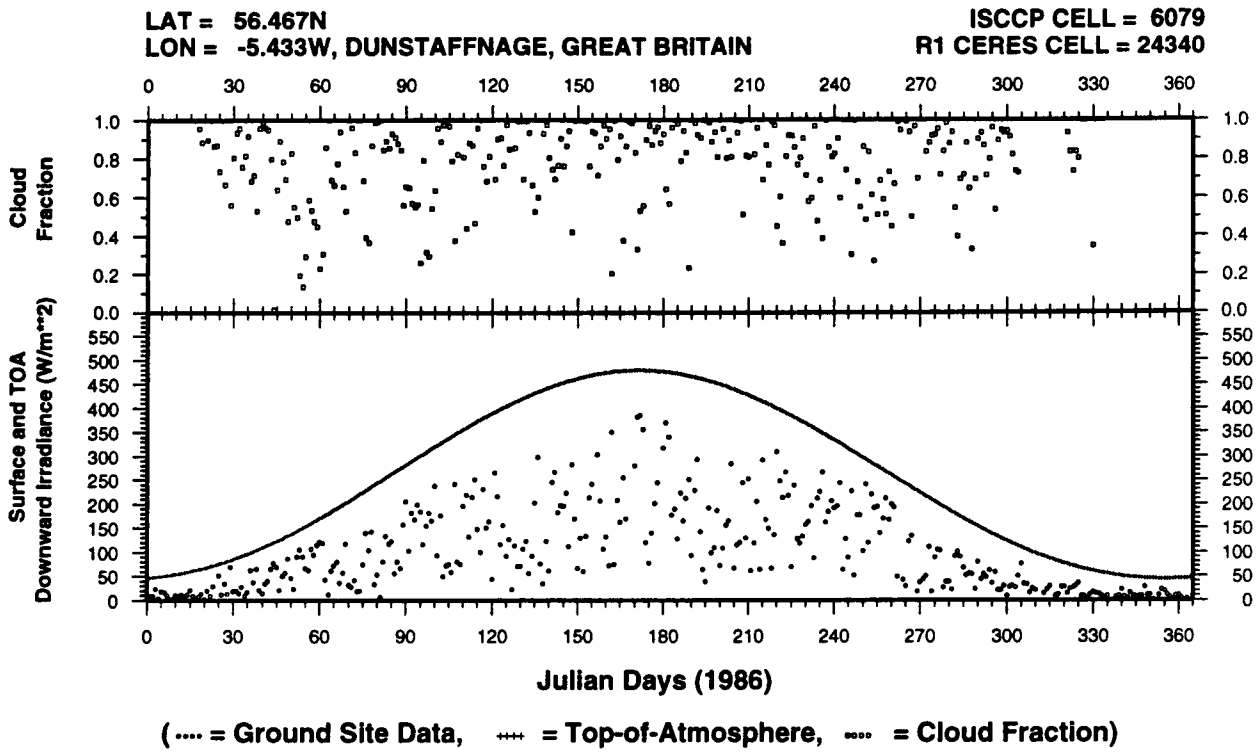


Figure C94. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DUNSTAFFNAGE, GREAT BRITAIN.

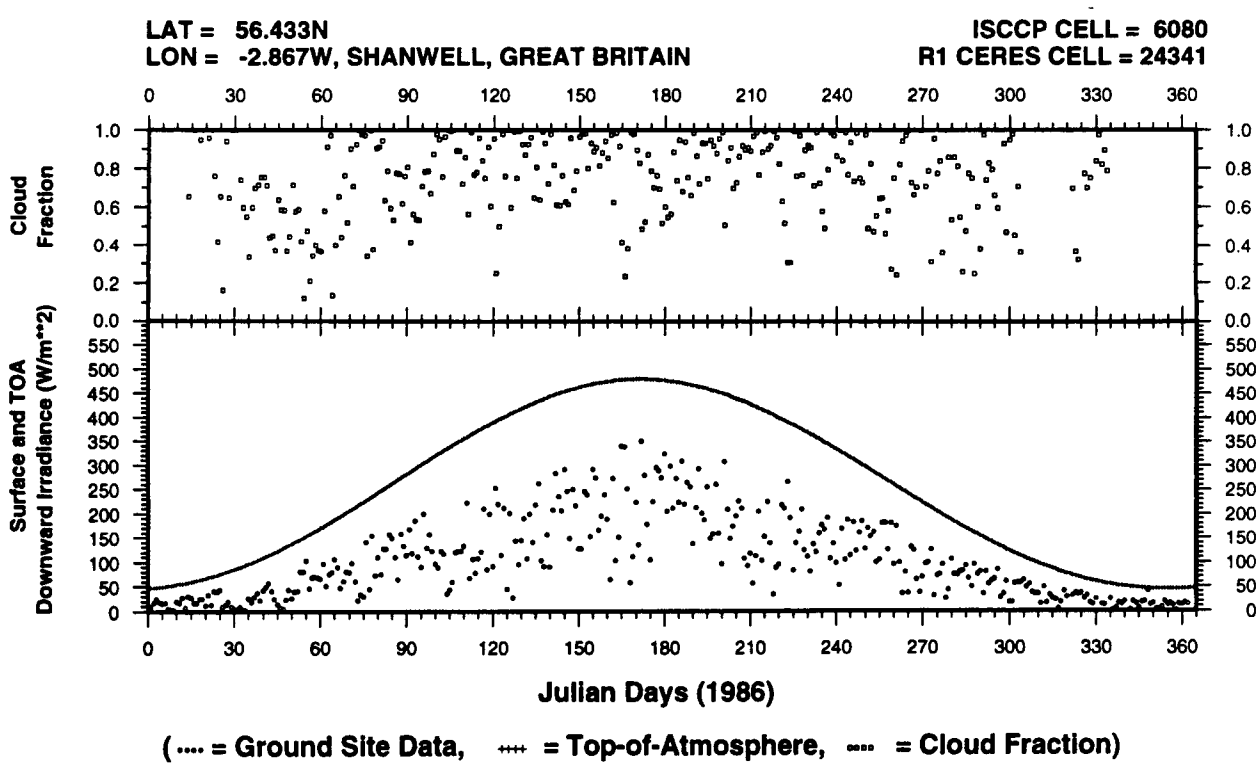


Figure C95. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHANWELL, GREAT BRITAIN.

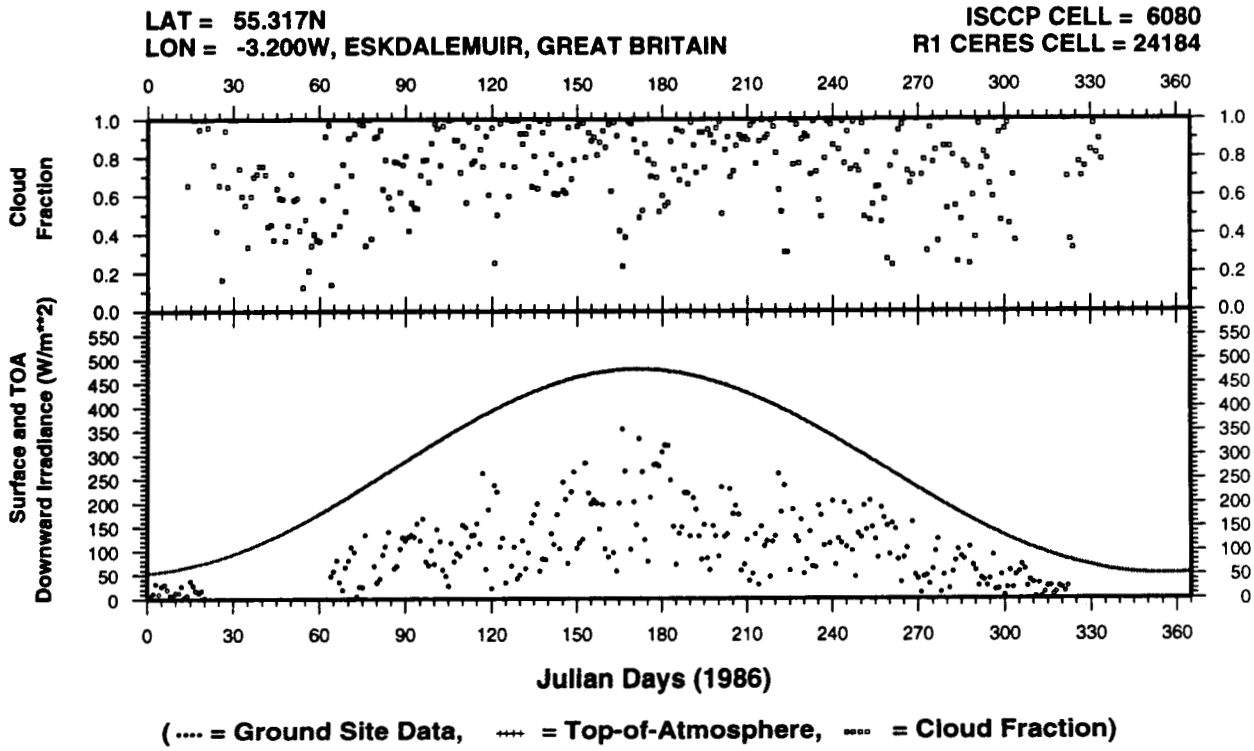


Figure C96. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ESKDALEMUIR, GREAT BRITAIN.

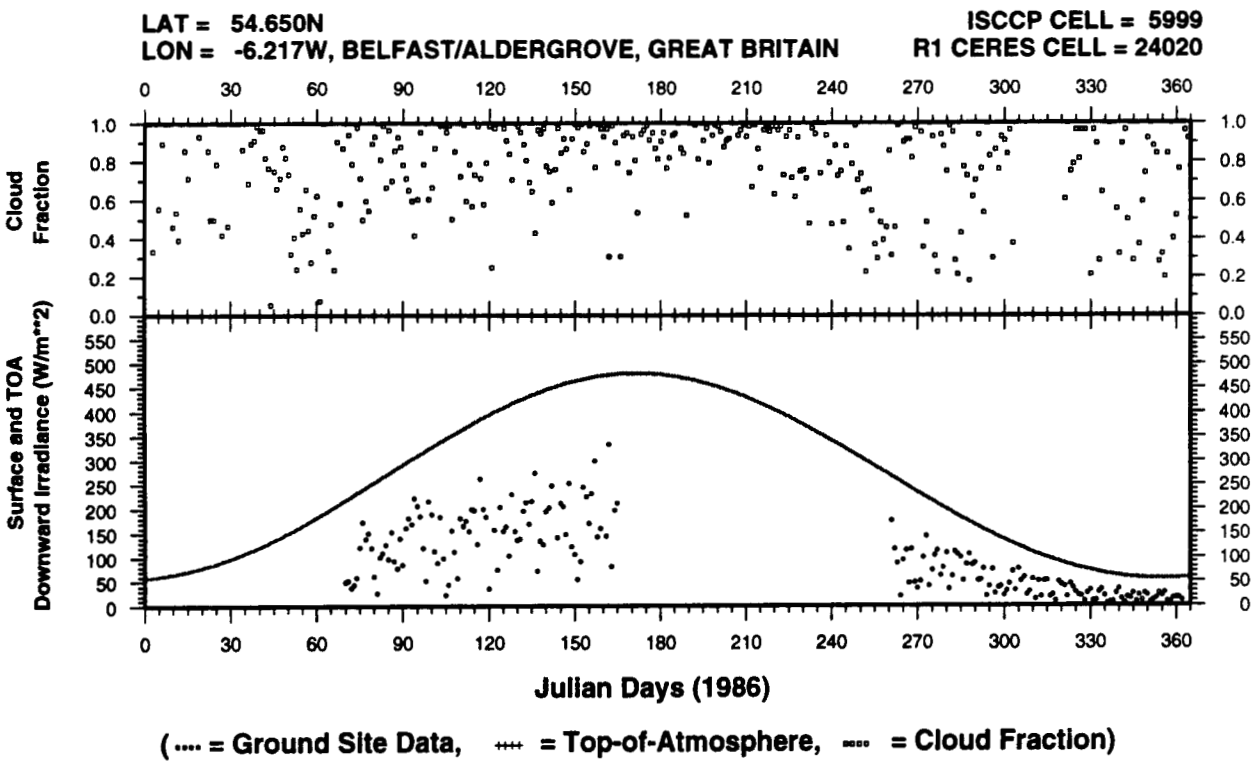
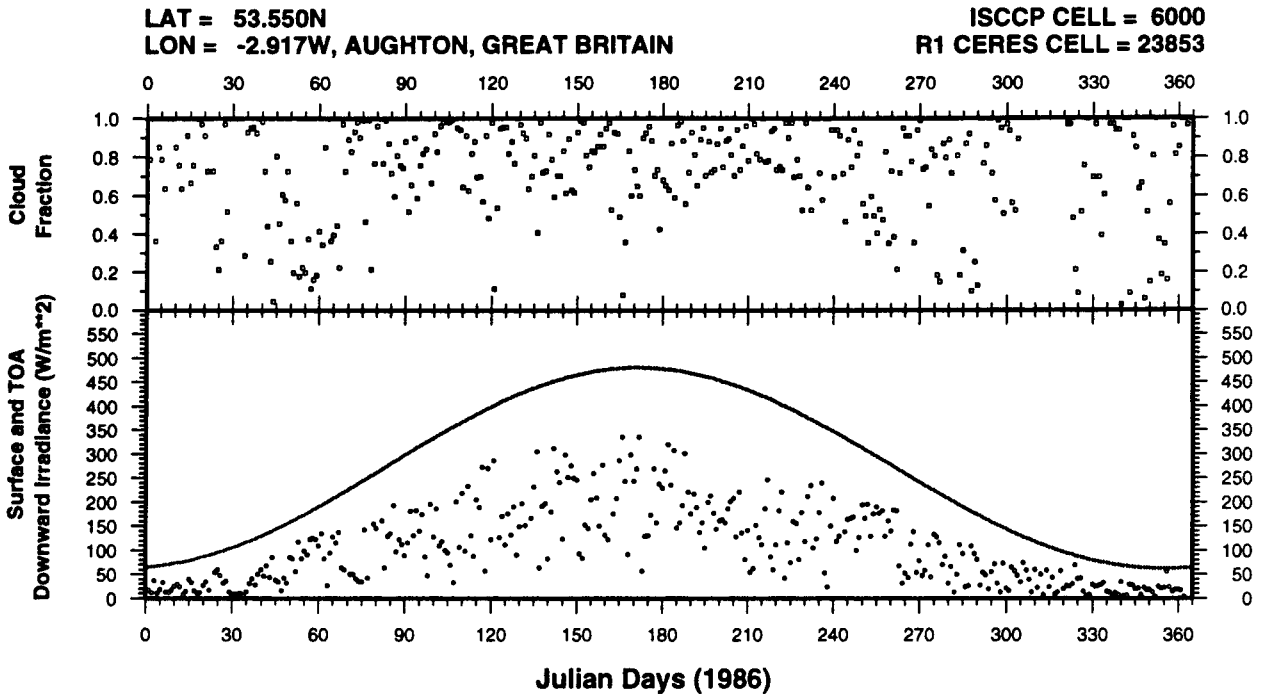
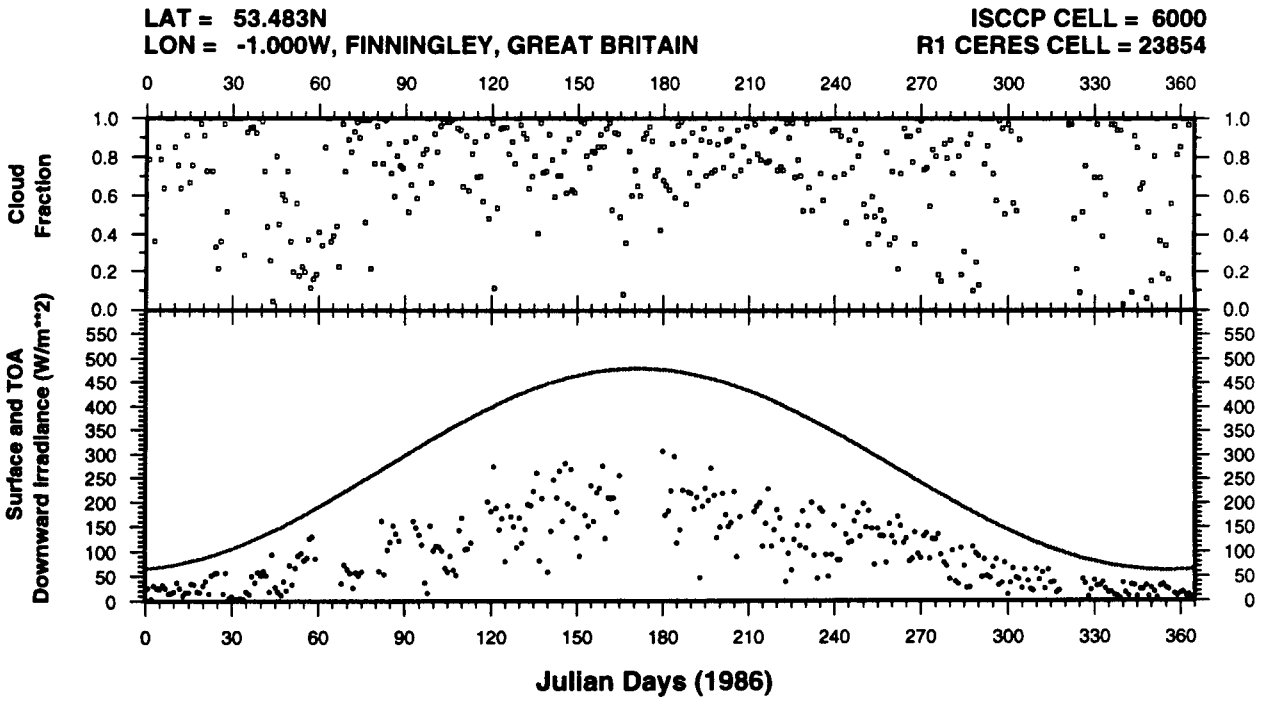


Figure C97. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BELFAST/ALDERGROVE, GREAT BRITAIN.



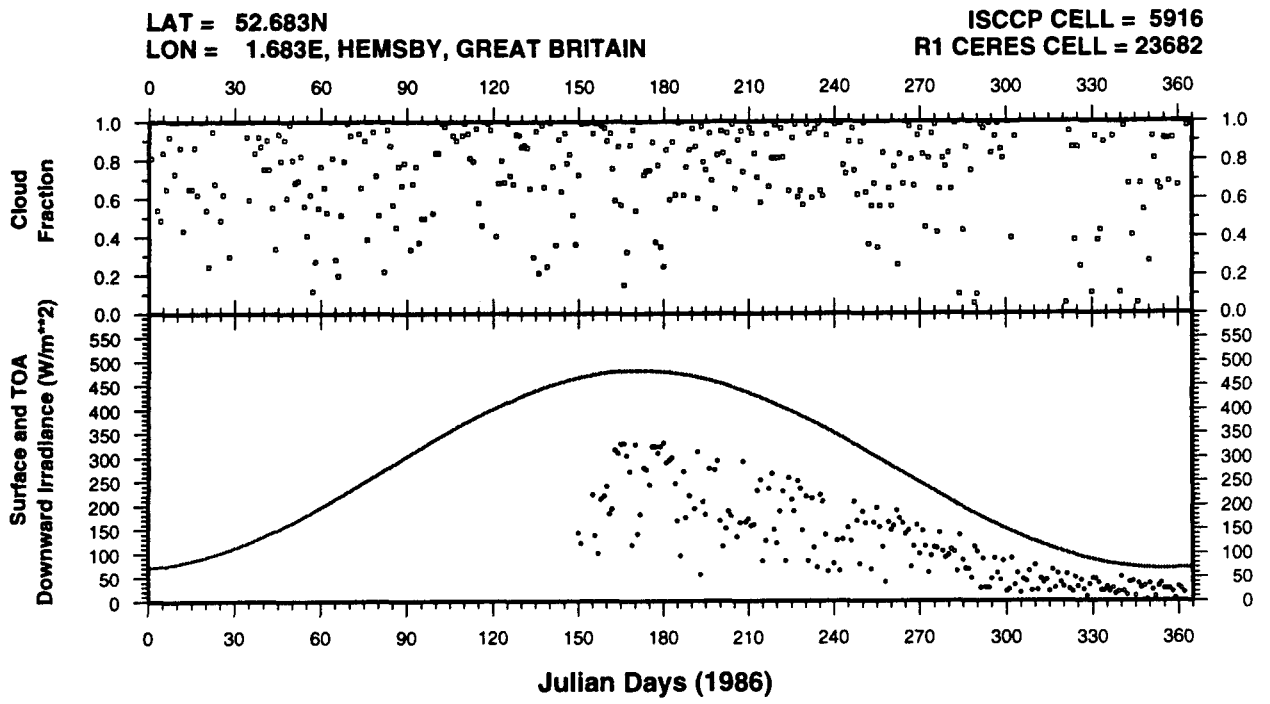
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C98. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AUGHTON, GREAT BRITAIN.



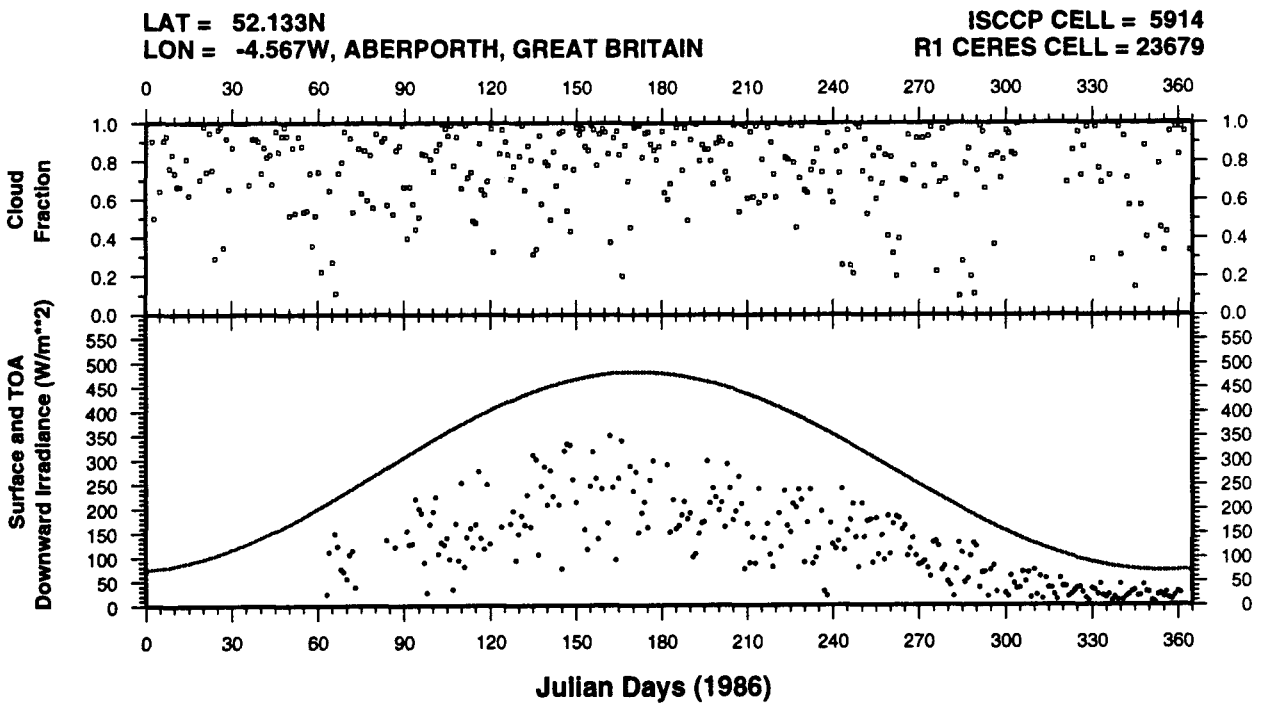
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C99. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FINNINGLEY, GREAT BRITAIN.



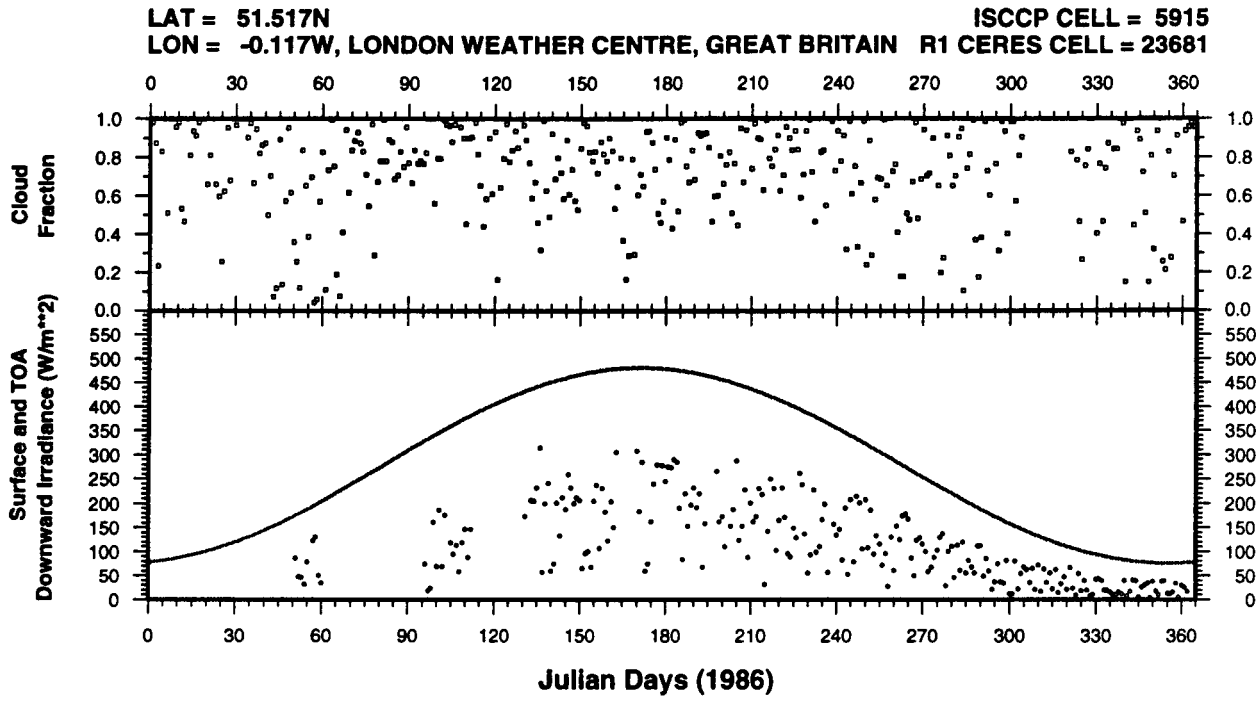
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C100. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HEMSBY, GREAT BRITAIN.



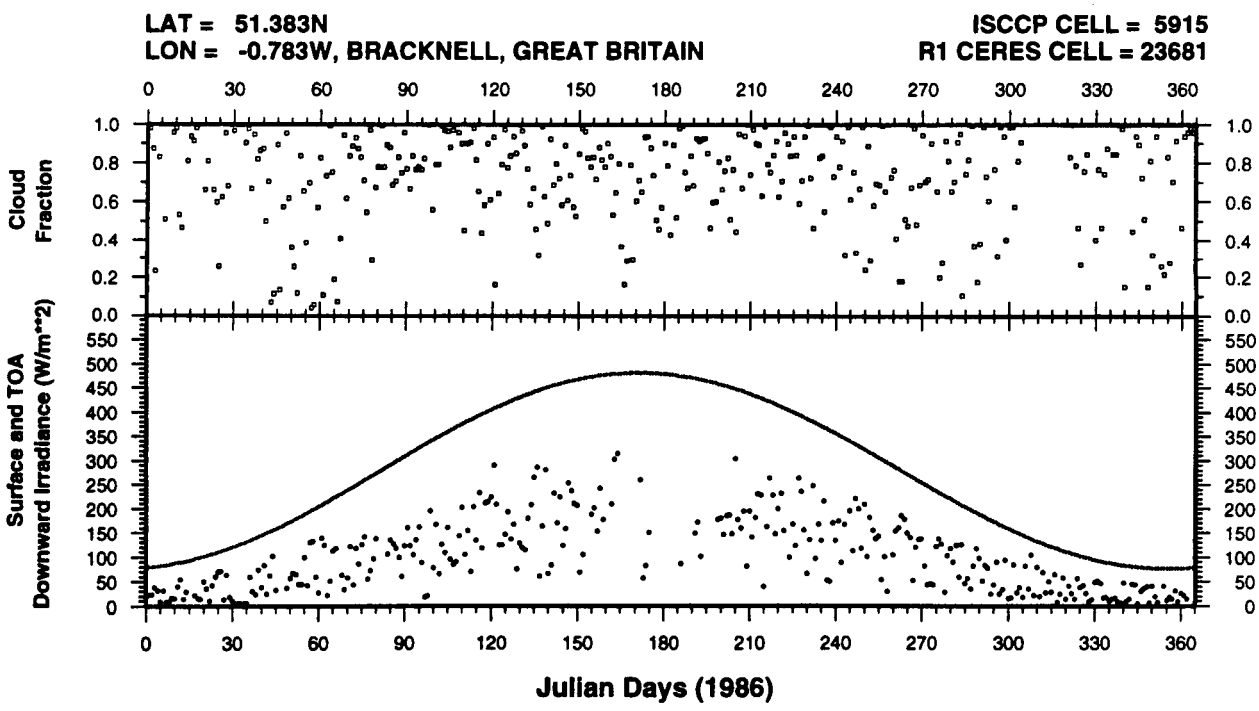
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C101. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ABERPORTH, GREAT BRITAIN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C102. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LONDON WEATHER CENTRE, GREAT BRITAIN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C103. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRACKNELL, GREAT BRITAIN.

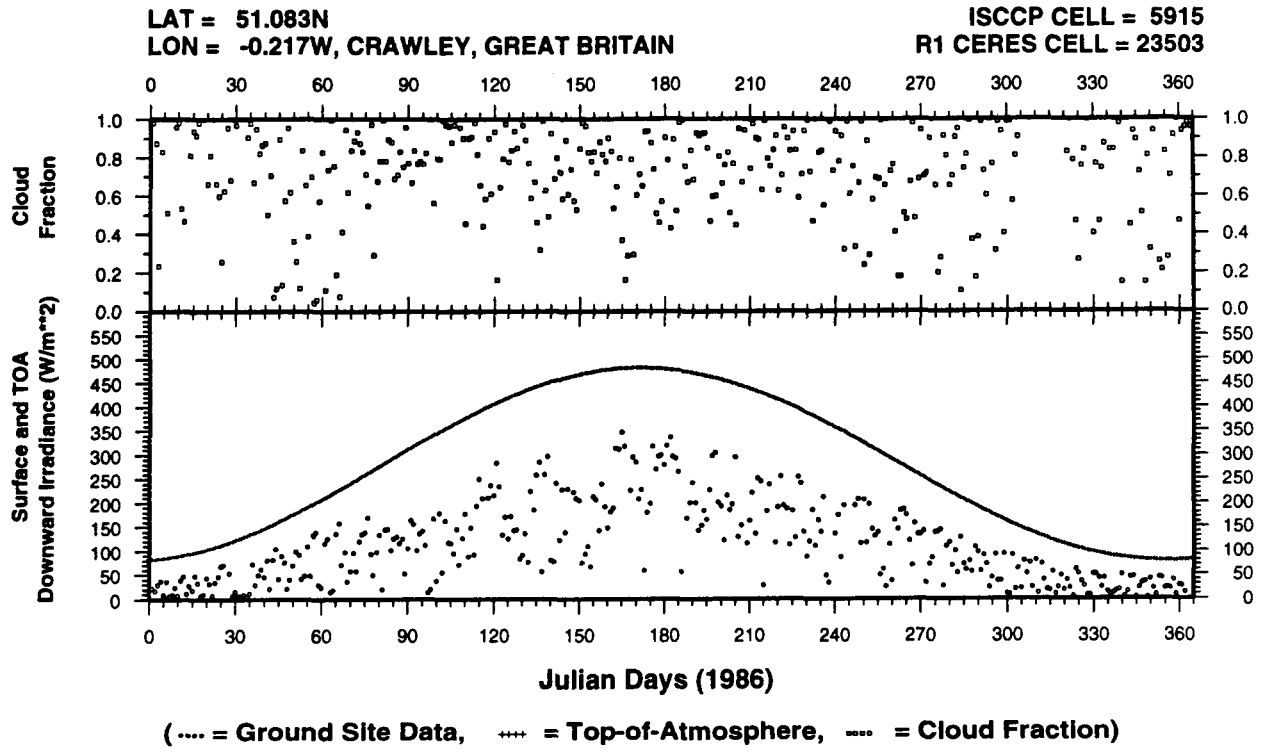


Figure C104. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CRAWLEY, GREAT BRITAIN.

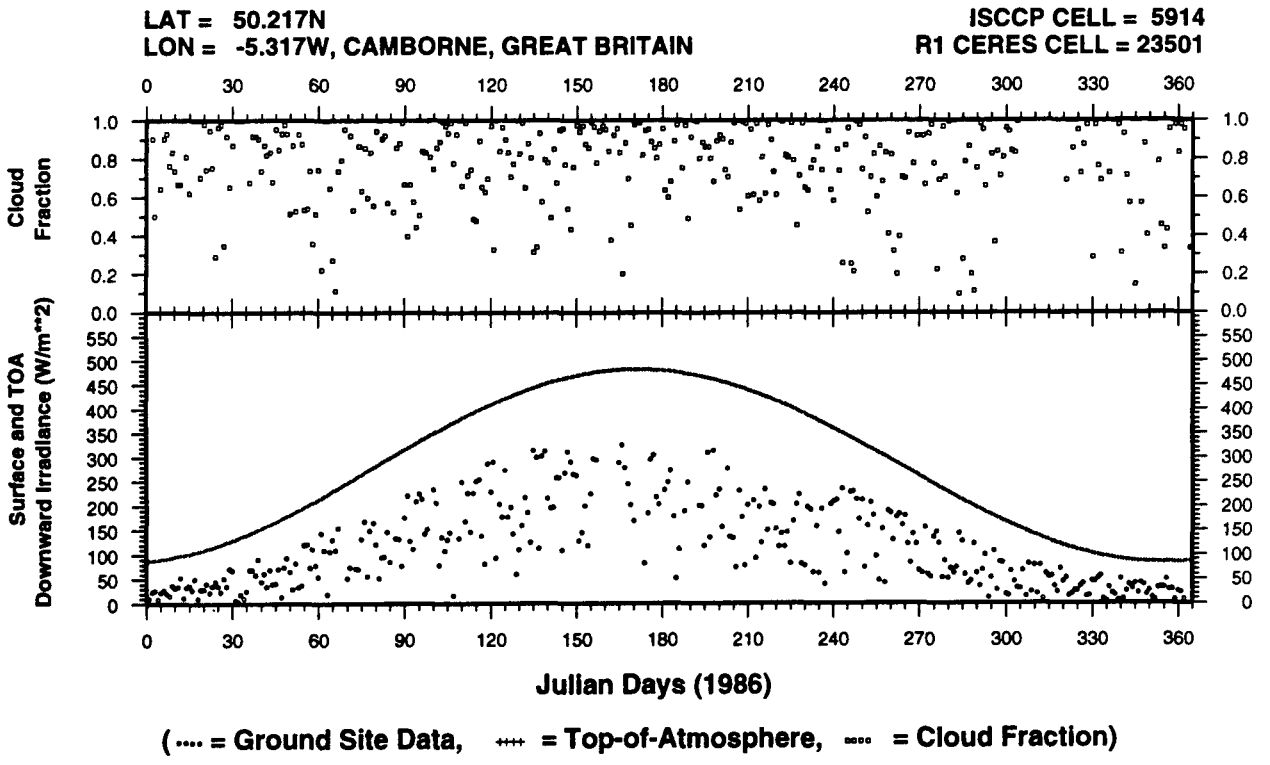


Figure C105. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAMBORNE, GREAT BRITAIN.

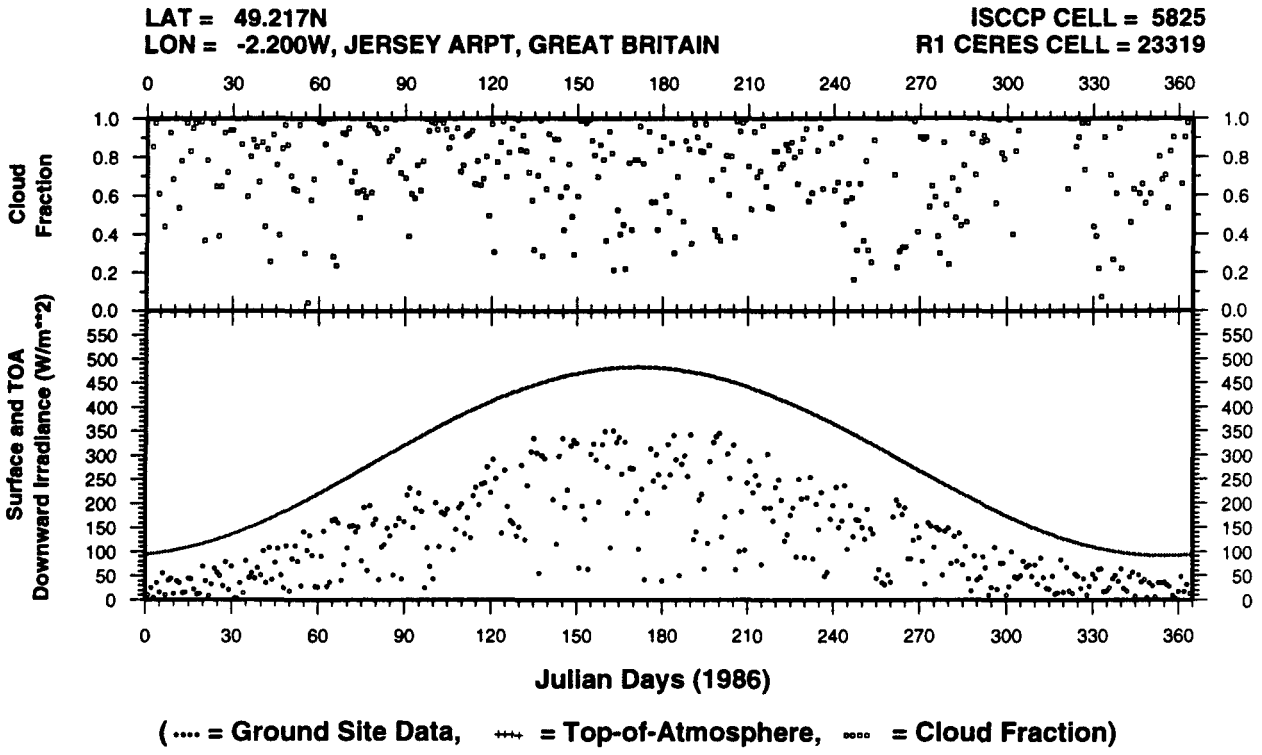


Figure C106. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for JERSEY ARPT, GREAT BRITAIN.

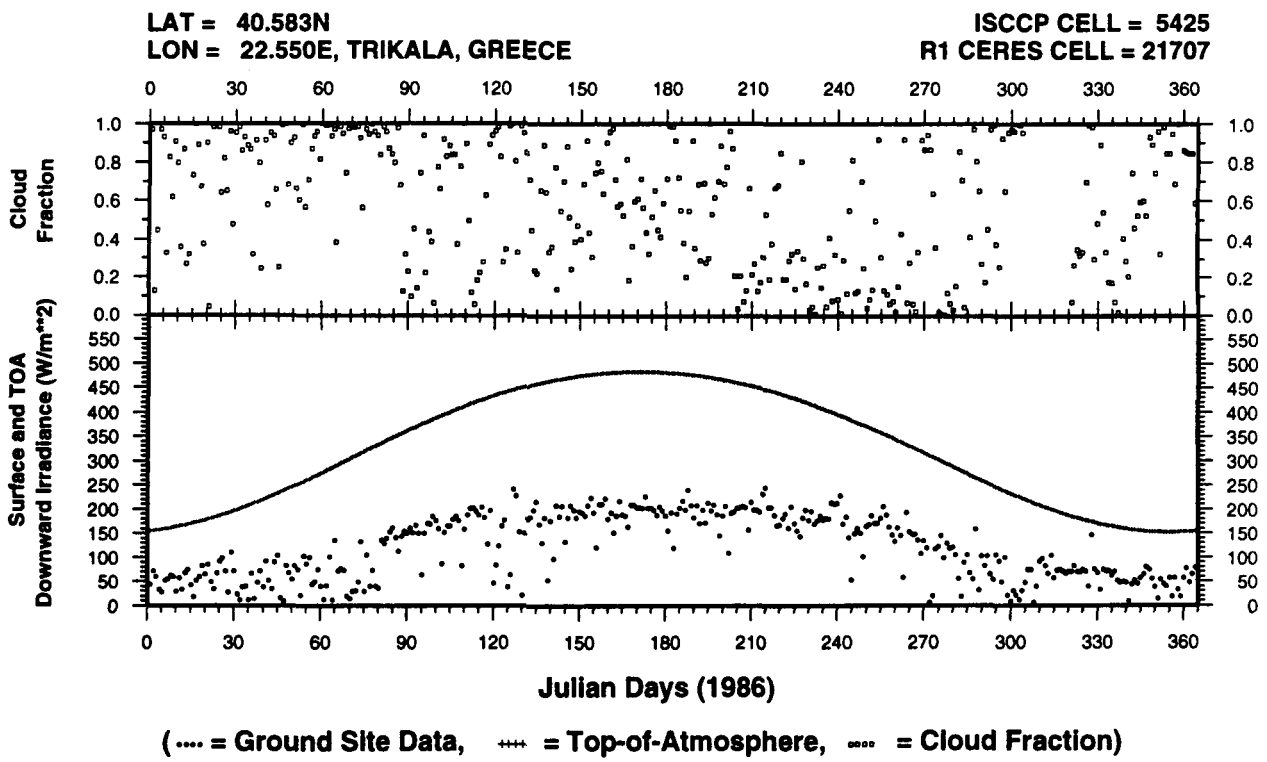


Figure C107. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRIKALA, GREECE.

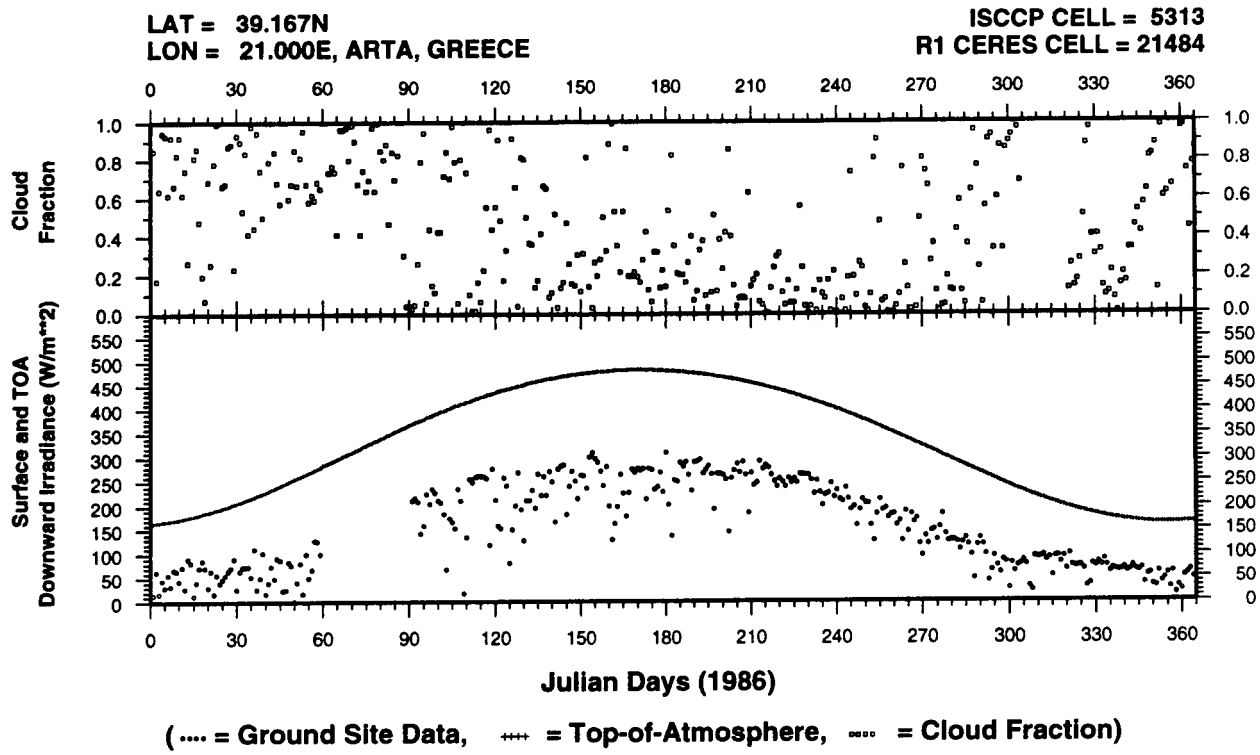


Figure C108. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ARTA, GREECE.

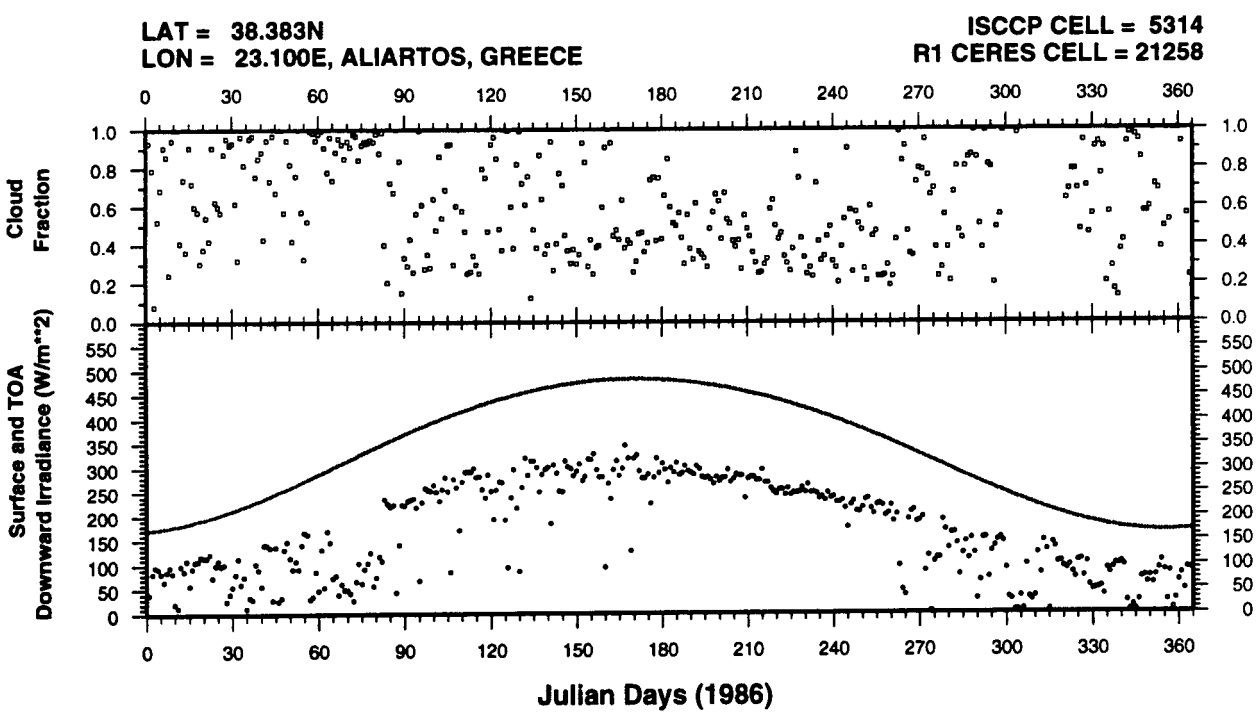


Figure C109. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ALIARTOS, GREECE.

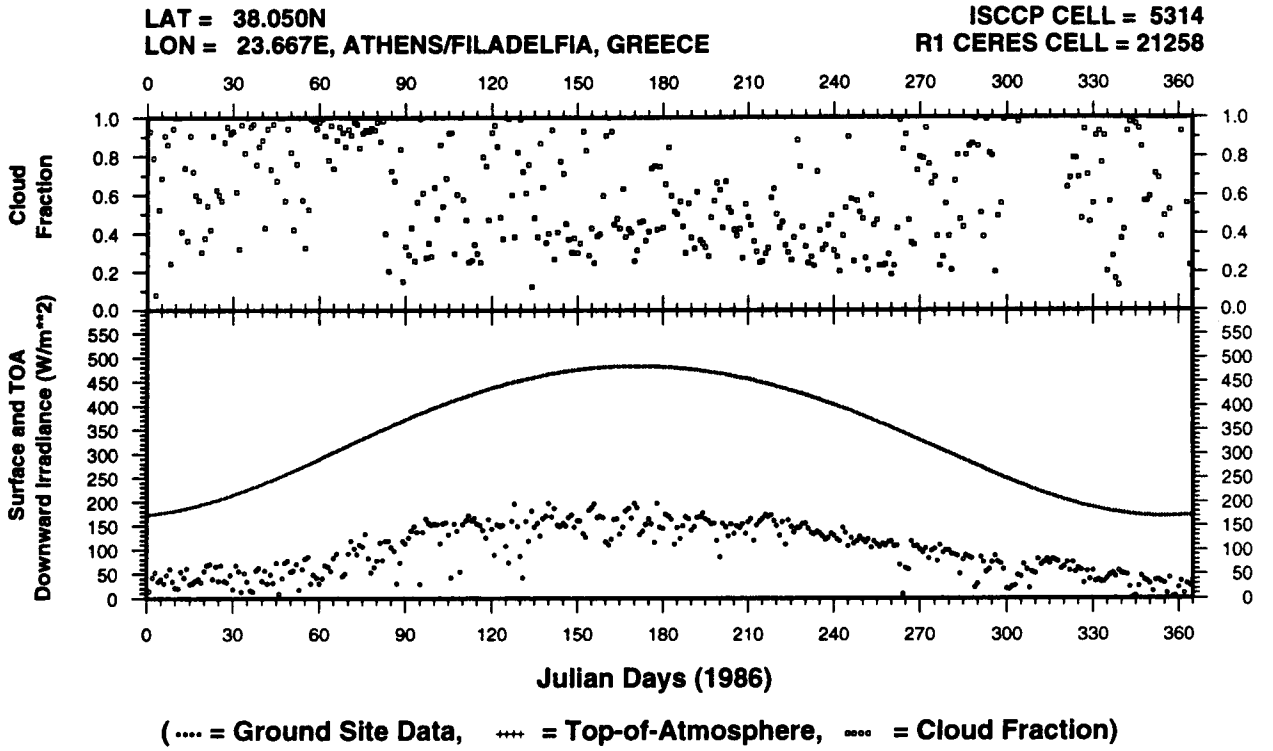


Figure C110. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ATHENS/FILADELFIA, GREECE.

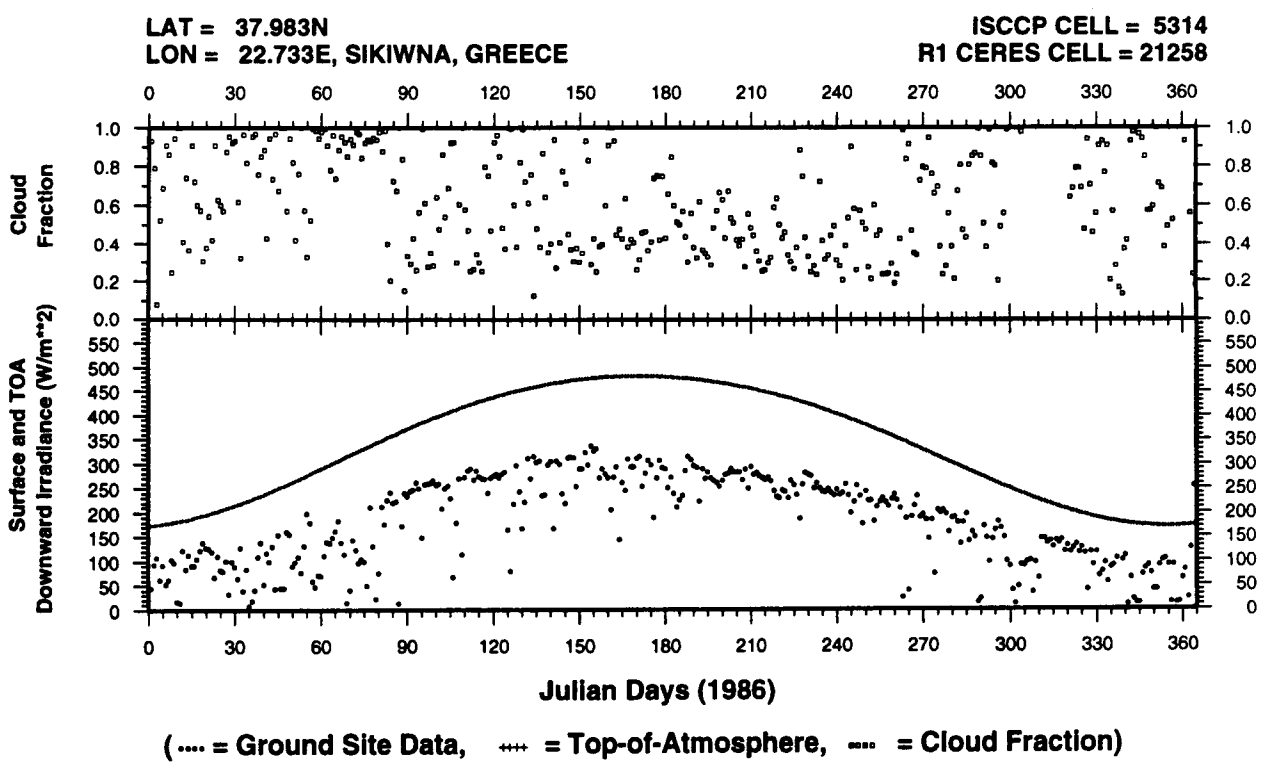
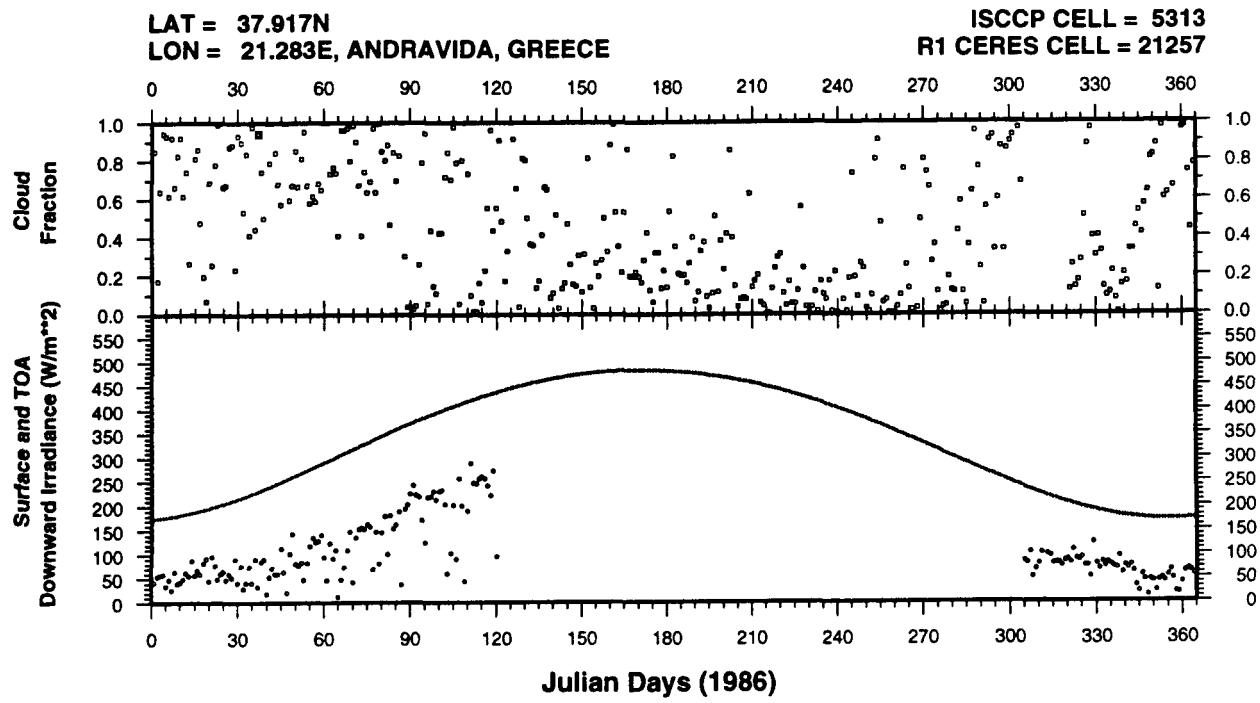
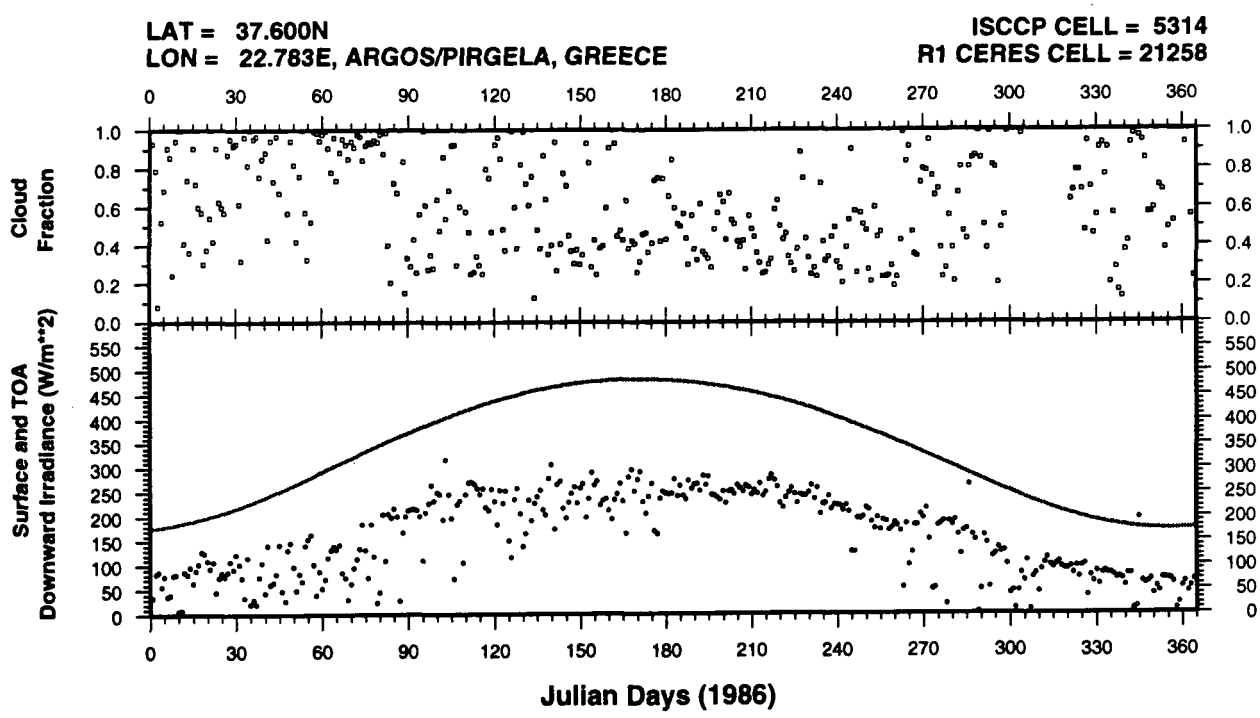


Figure C111. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SIKIWNA, GREECE.



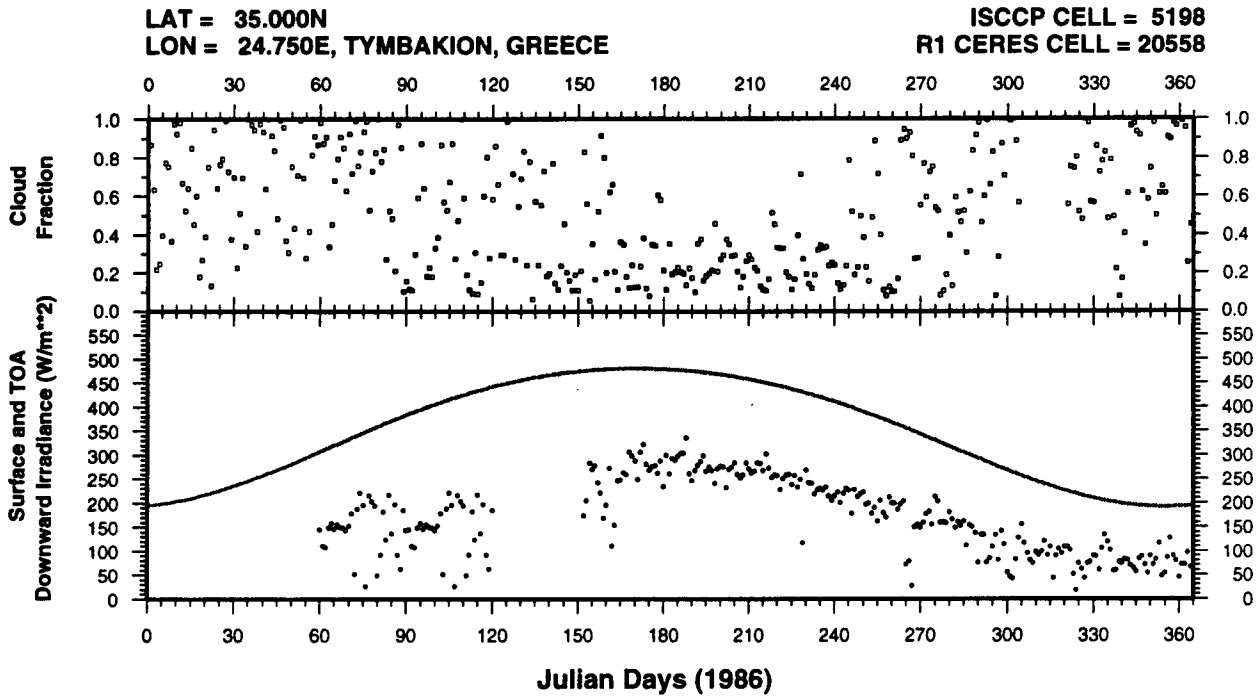
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C112. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ANDRAVIDA, GREECE.



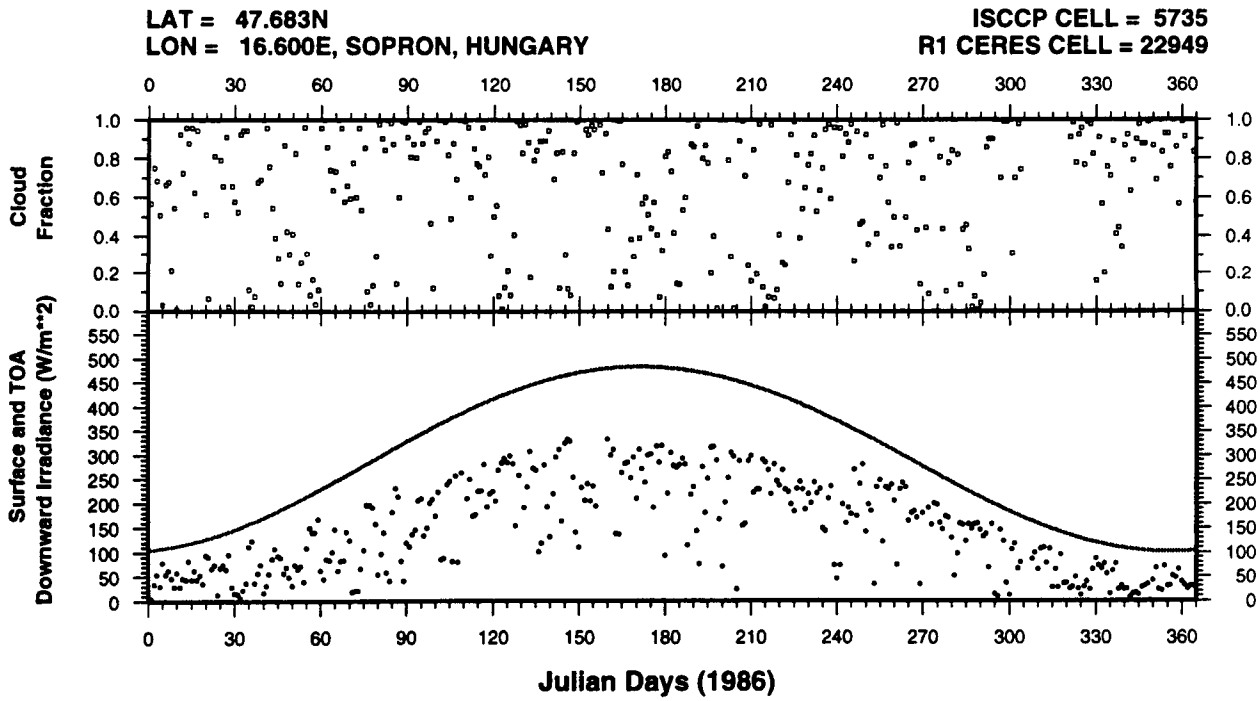
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C113. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ARGOS/PIRGELA, GREECE.



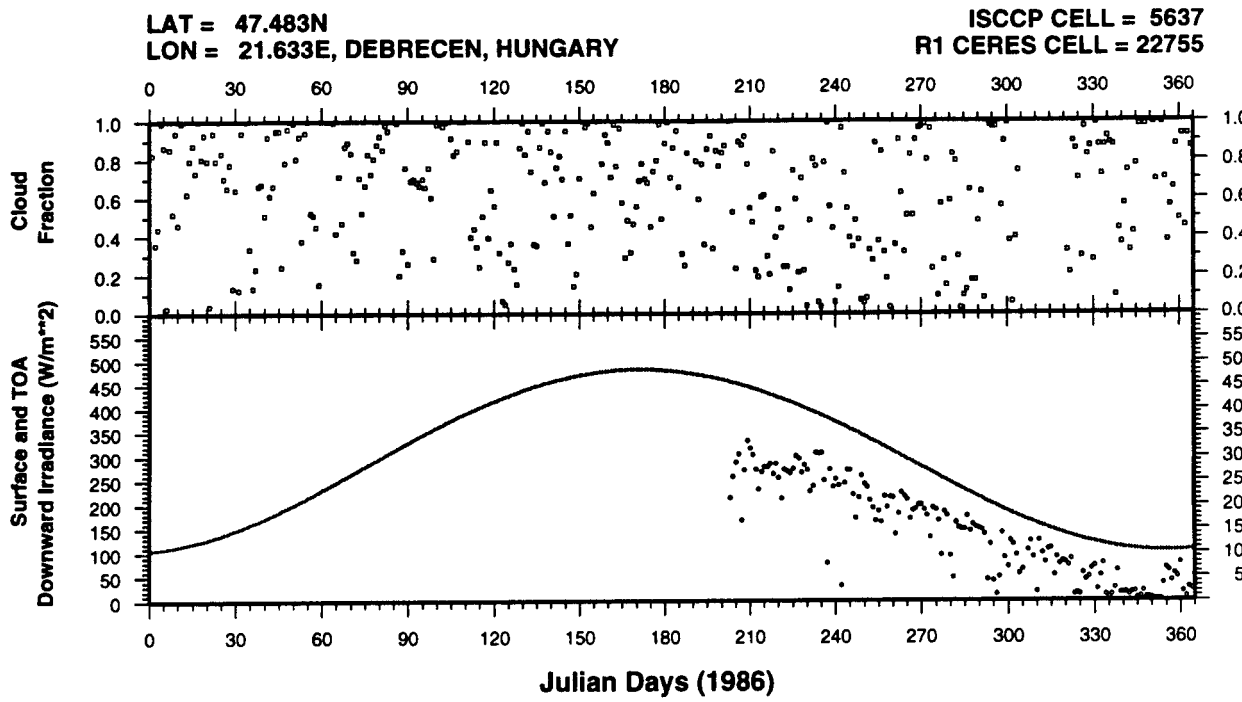
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C114. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TYMBAKION, GREECE.



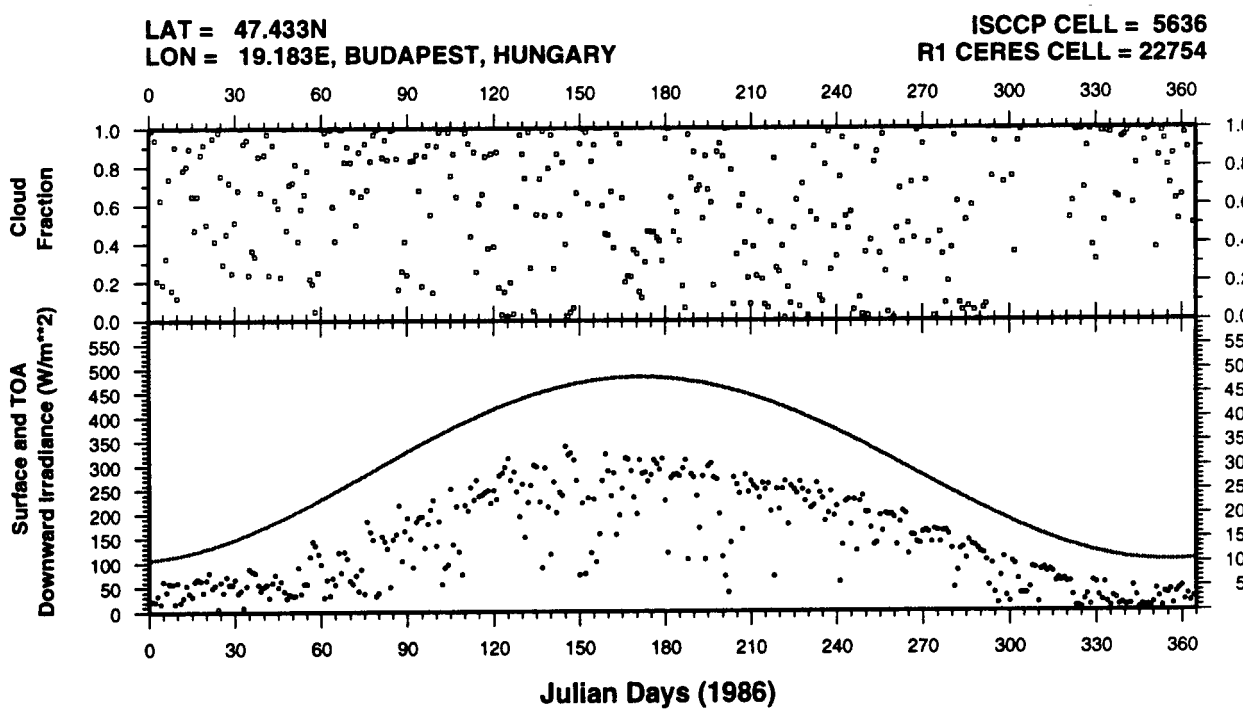
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C115. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SOPRON, HUNGARY.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C116. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DEBRECEN, HUNGARY.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C117. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BUDAPEST, HUNGARY.

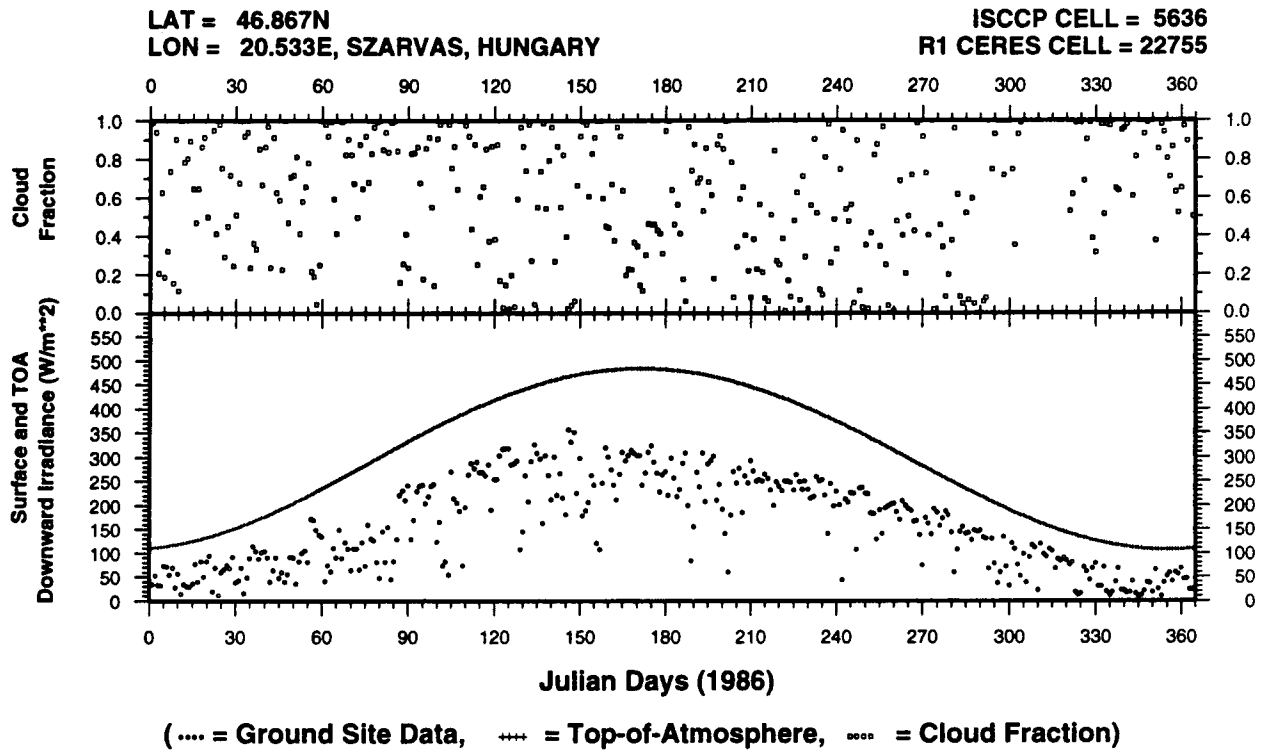


Figure C118. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SZARVAS, HUNGARY.

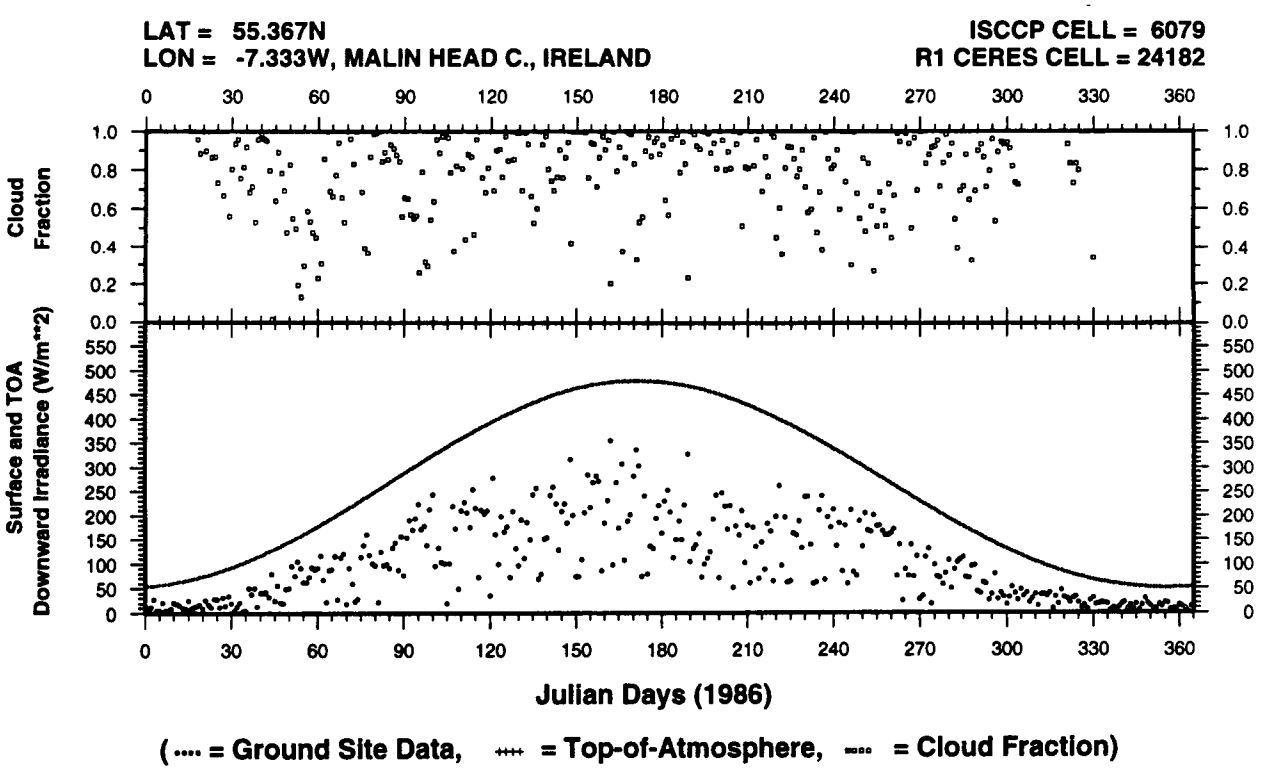
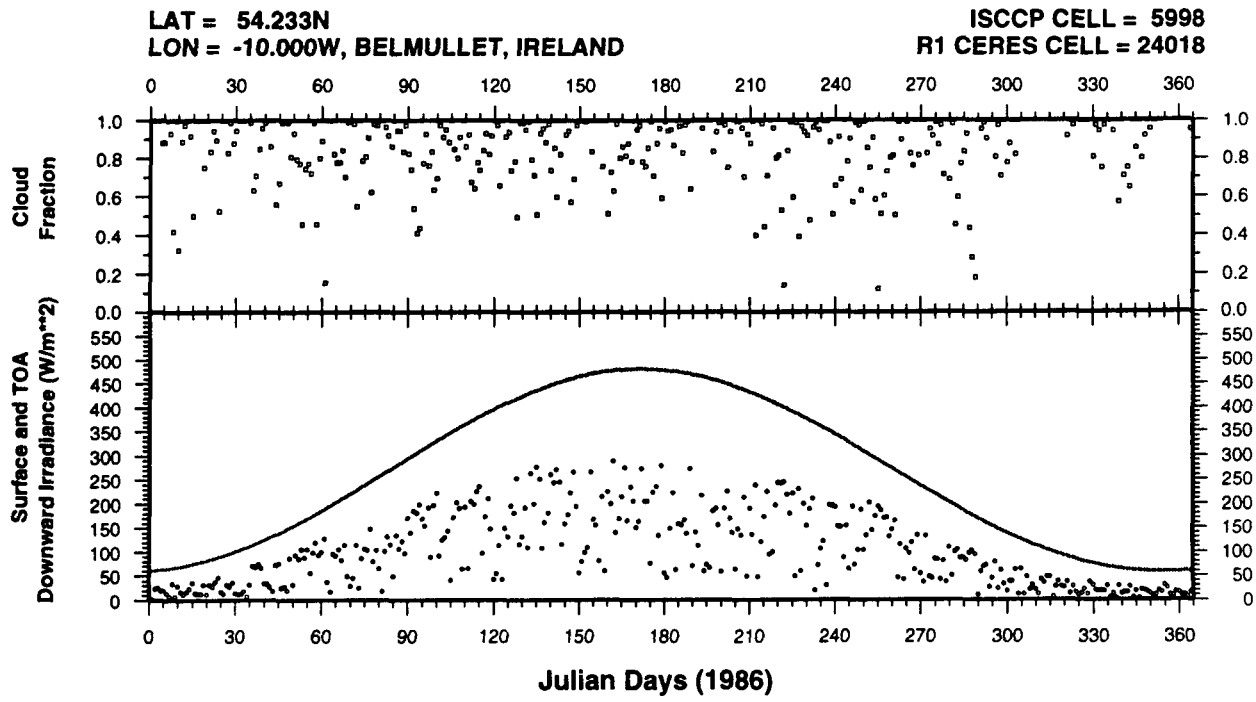
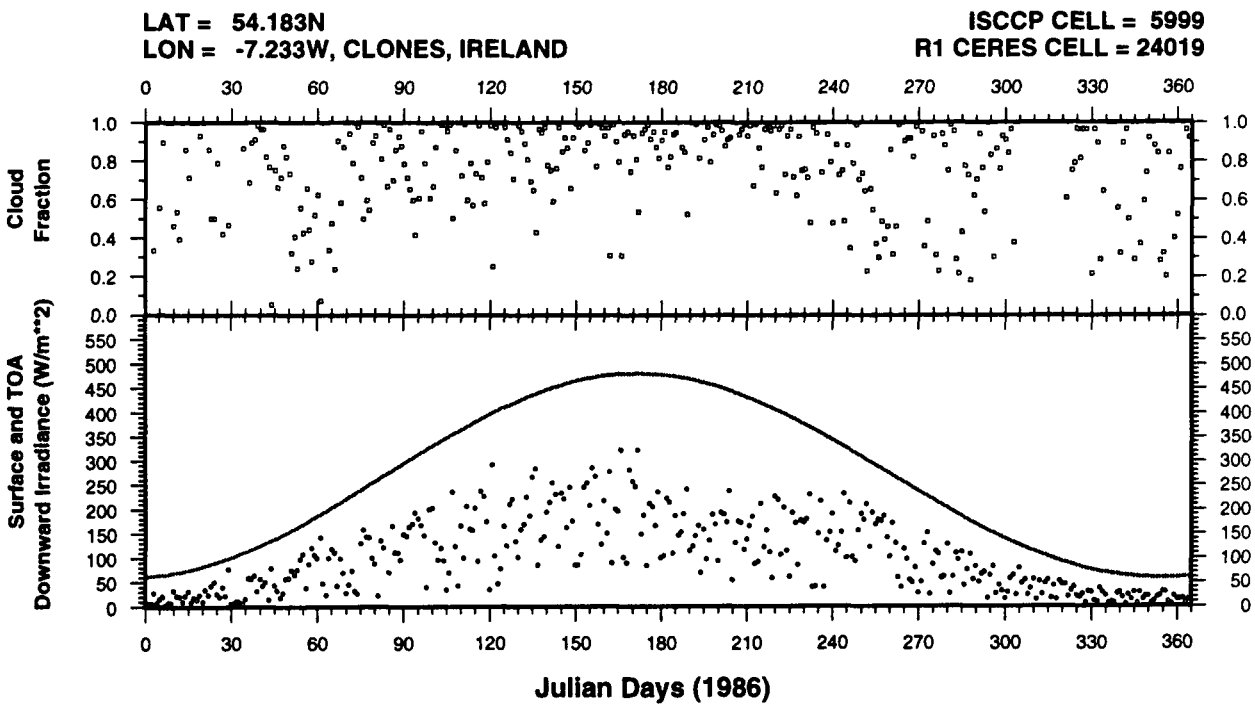


Figure C119. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MALIN HEAD C., IRELAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C120. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BELMULLET, IRELAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C121. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CLONES, IRELAND.

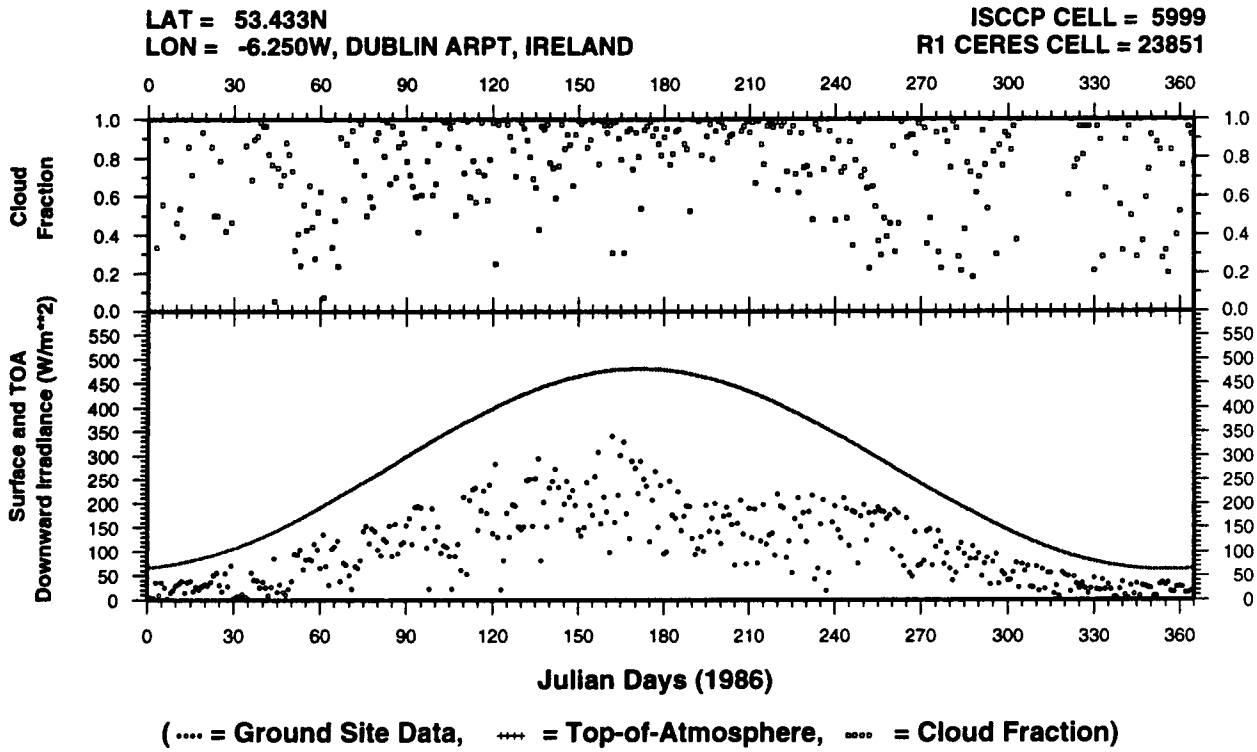


Figure C122. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DUBLIN ARPT, IRELAND.

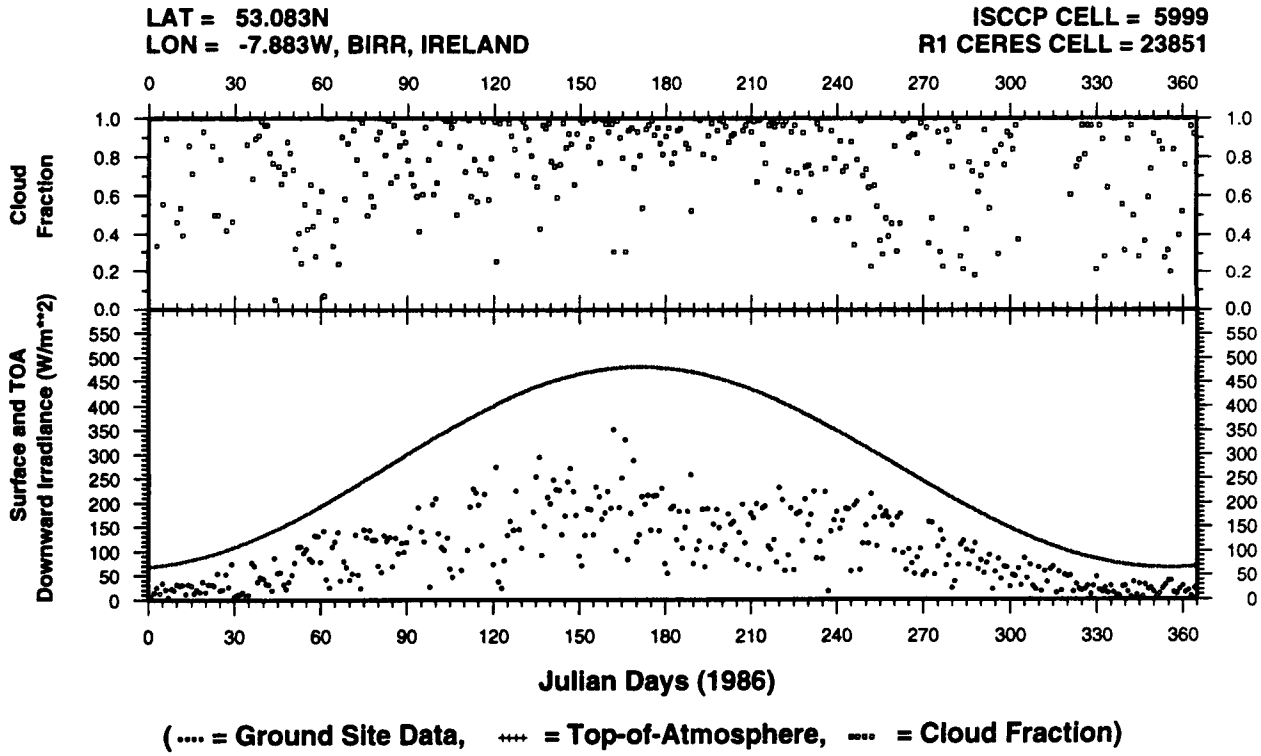


Figure C123. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BIRR, IRELAND.

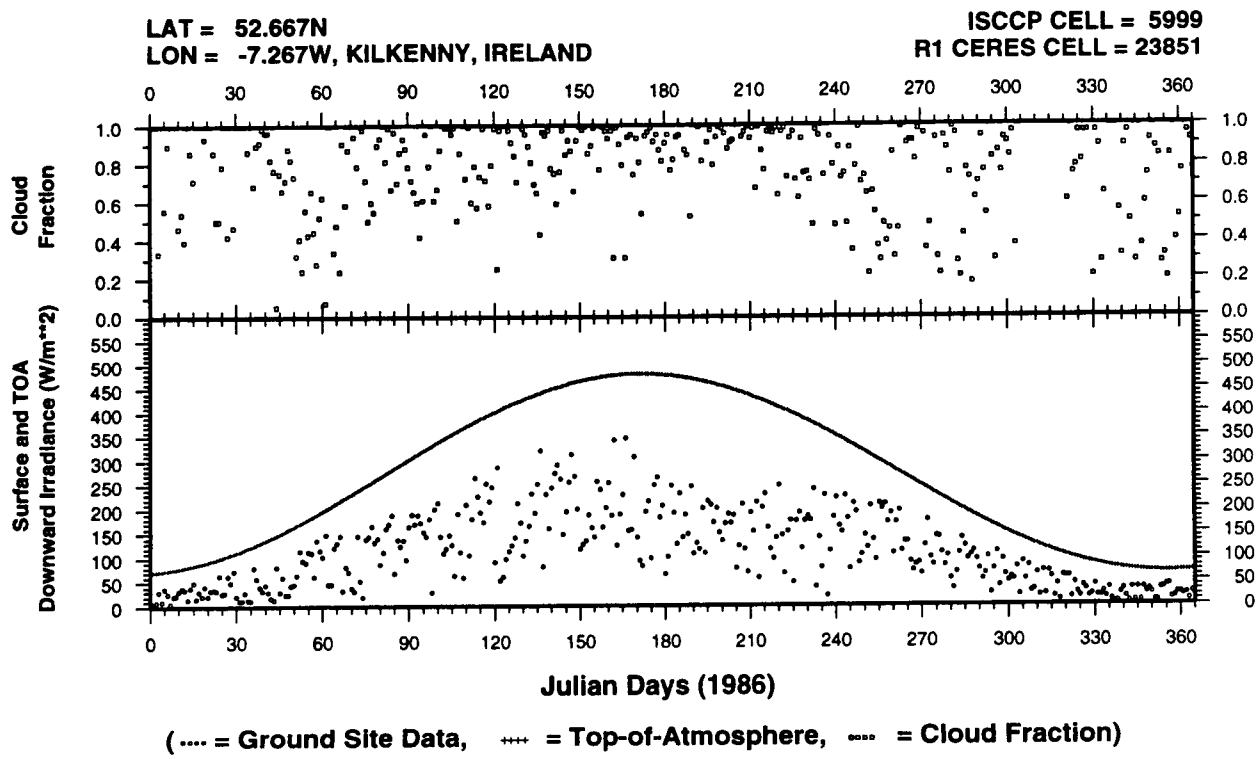


Figure C124. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KILKENNY, IRELAND.

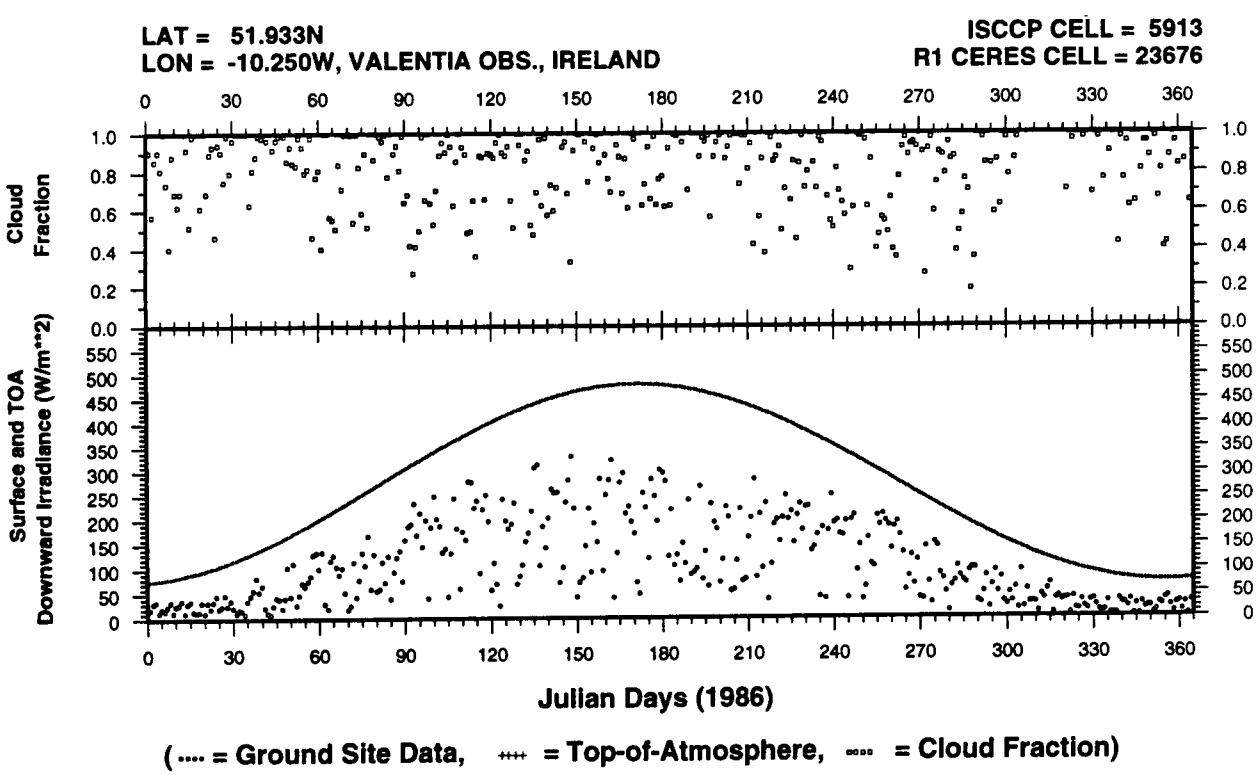


Figure C125. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VALENTIA OBS., IRELAND.

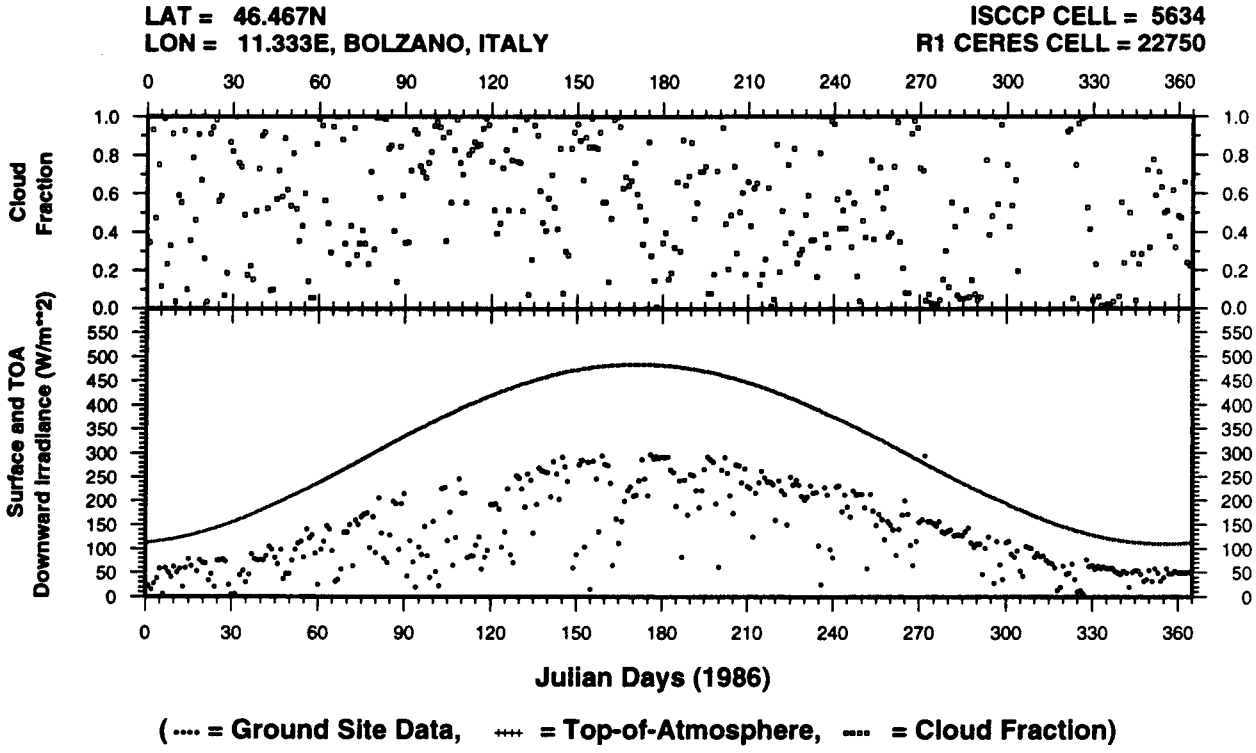


Figure C126. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BOLZANO, ITALY.

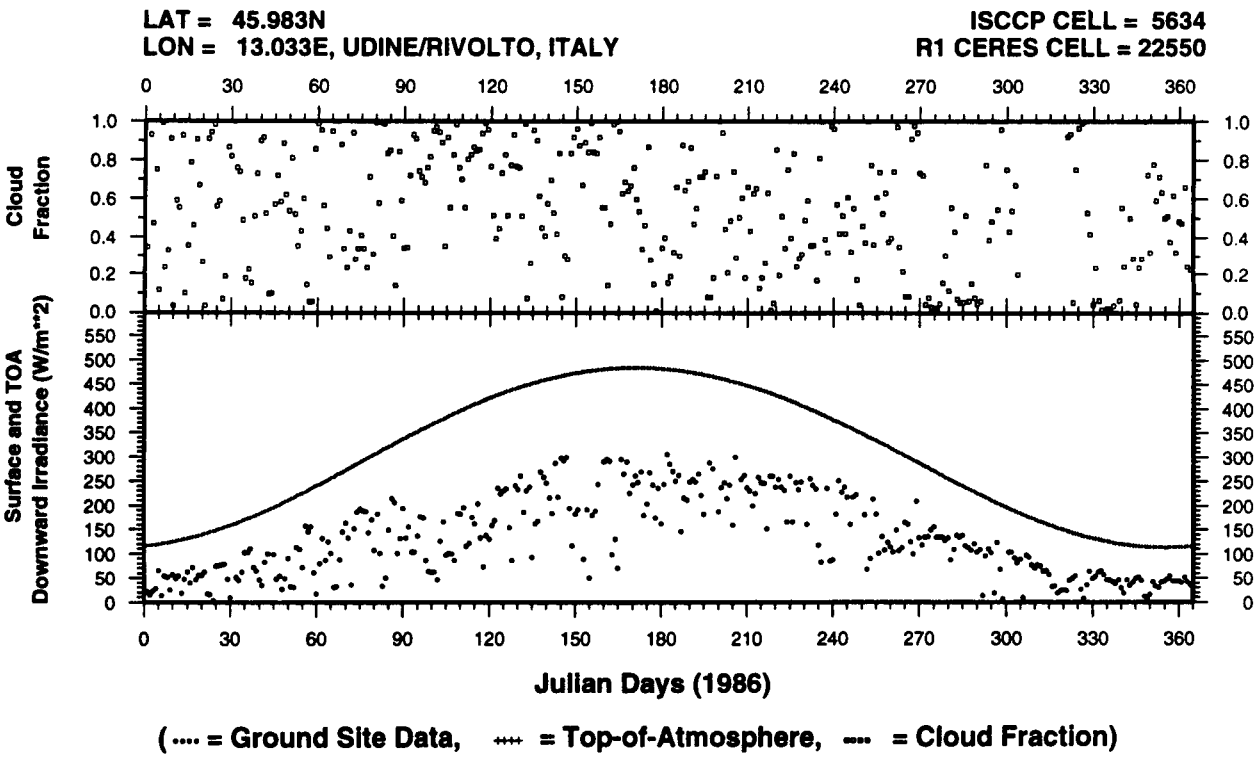
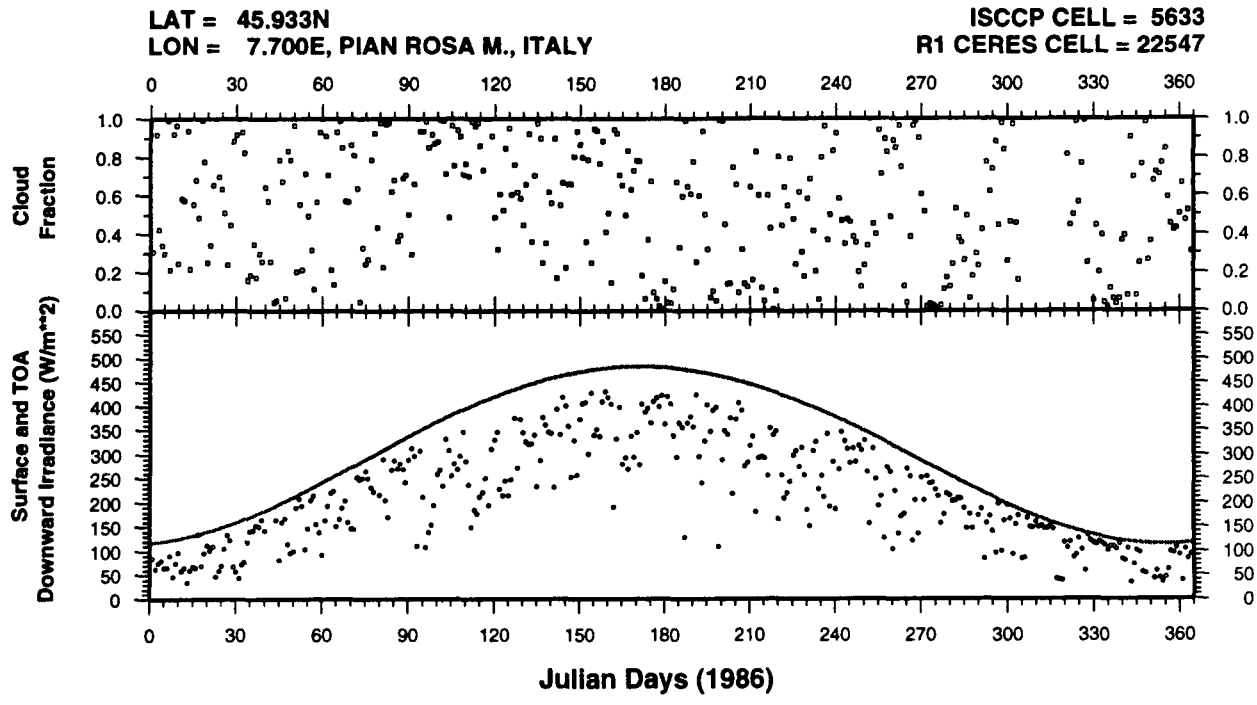
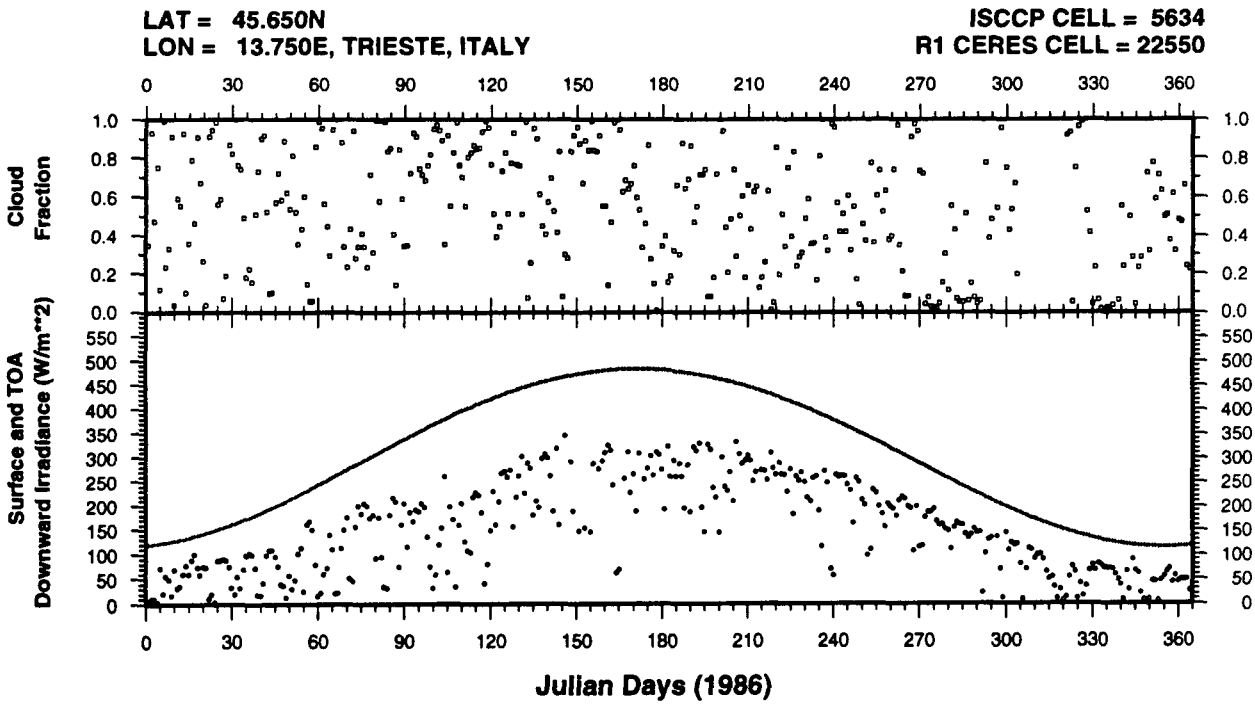


Figure C127. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for UDINE/RIVOLTO, ITALY.



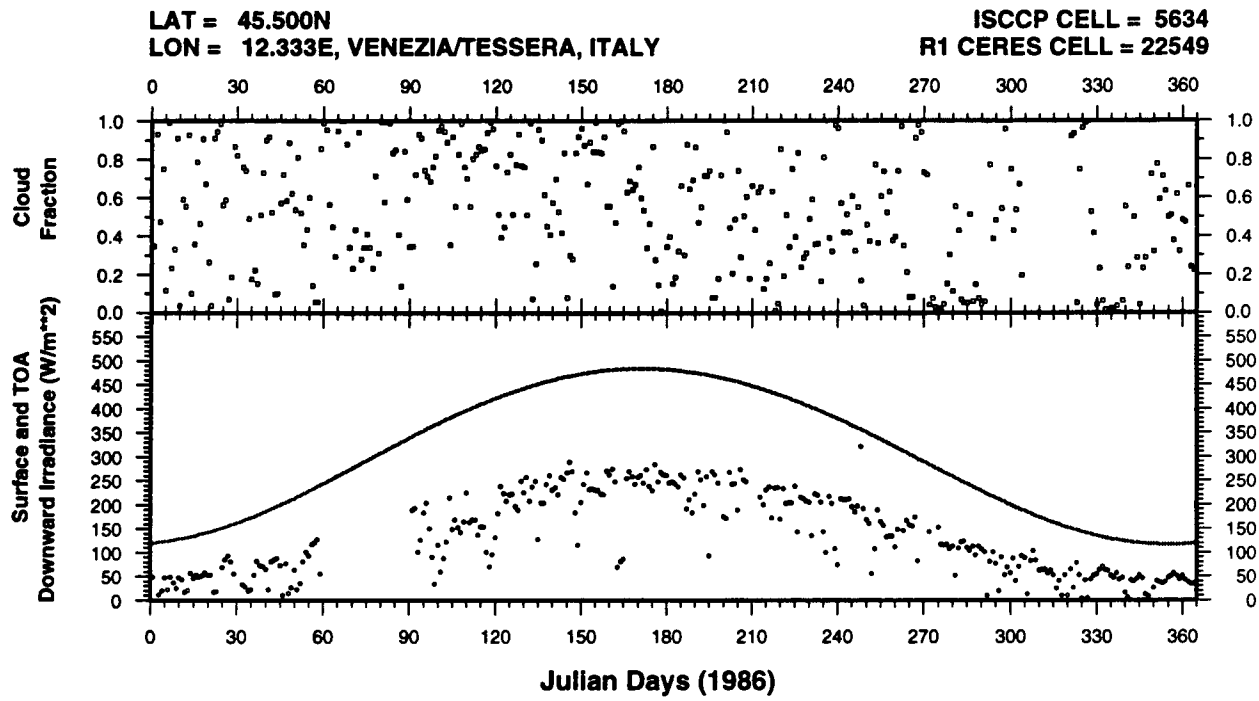
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C128. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PIAN ROSA M., ITALY.



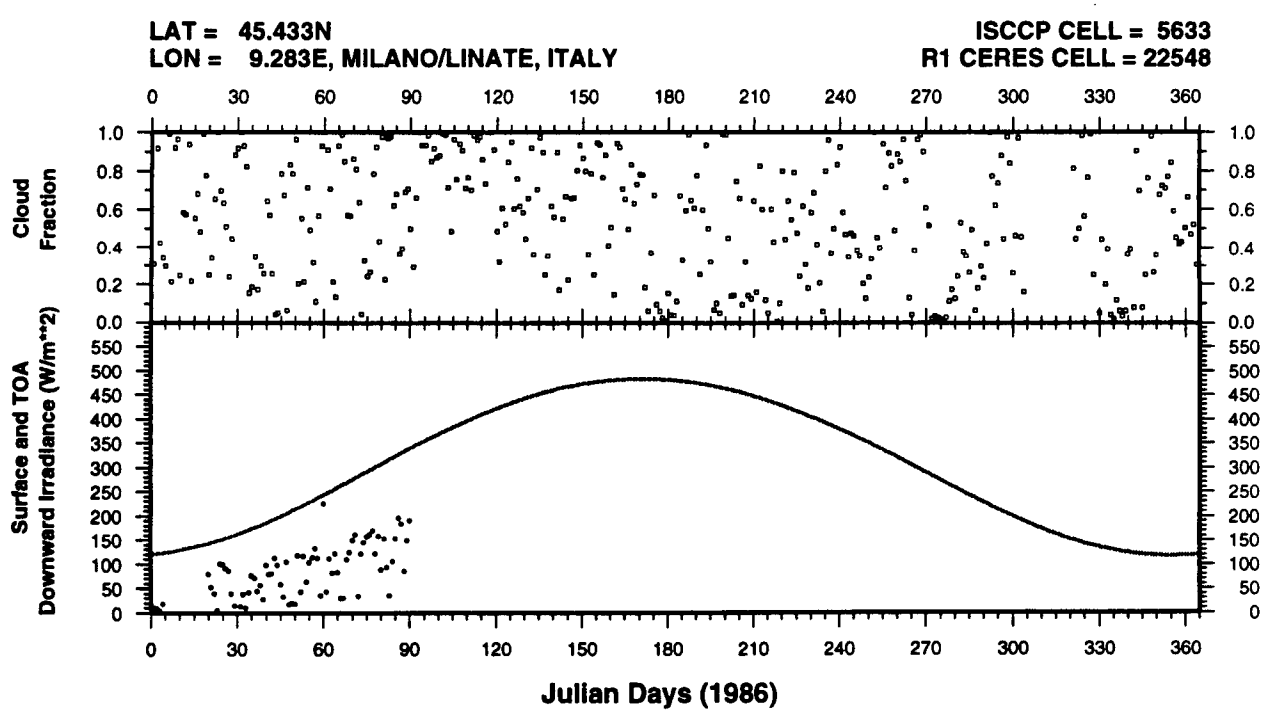
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C129. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRIESTE, ITALY.



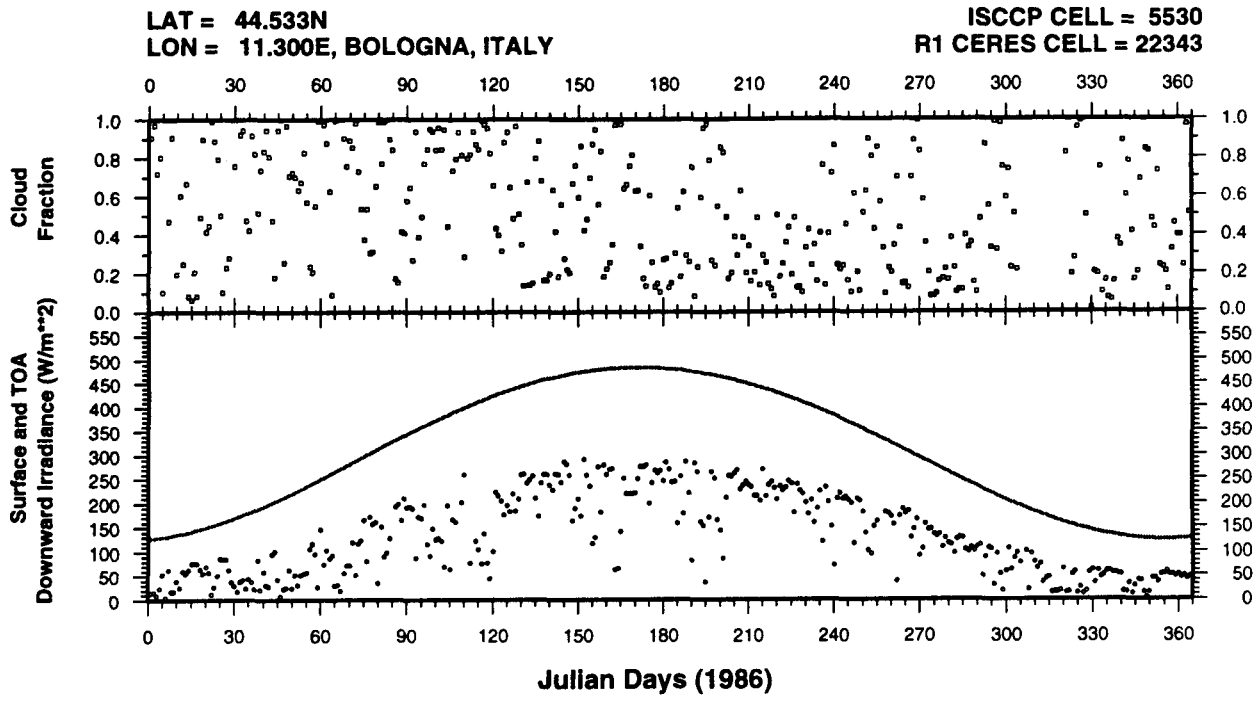
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C130. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VENEZIA/TESSERA, ITALY.



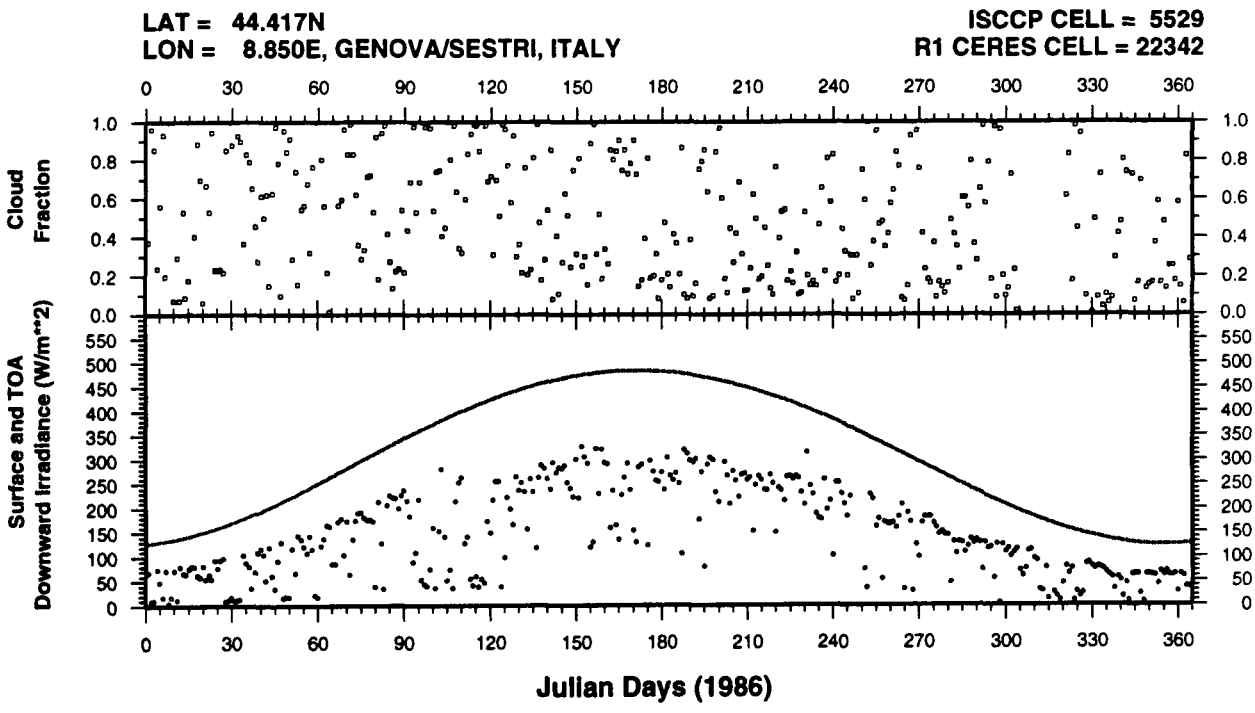
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C131. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MILANO/LINATE, ITALY.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C132. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BOLOGNA, ITALY.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C133. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GENOVA/SESTRI, ITALY.

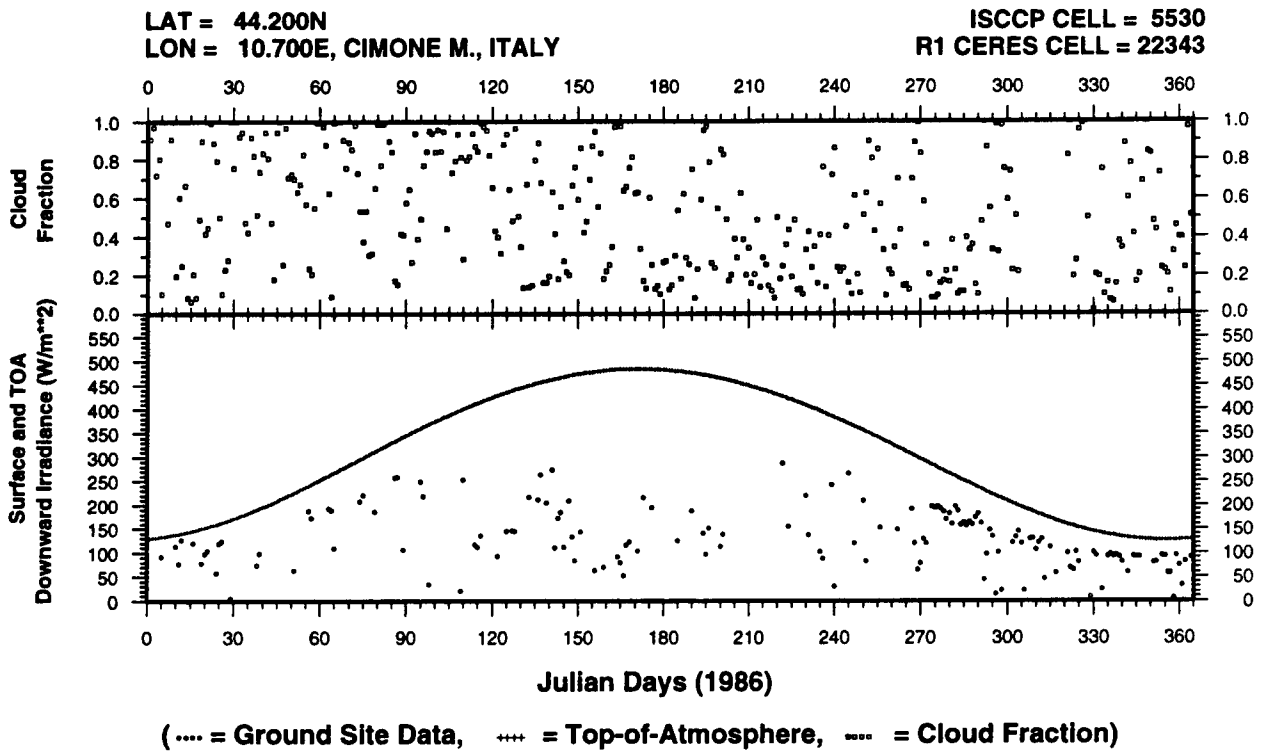


Figure C134. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CIMONE M., ITALY.

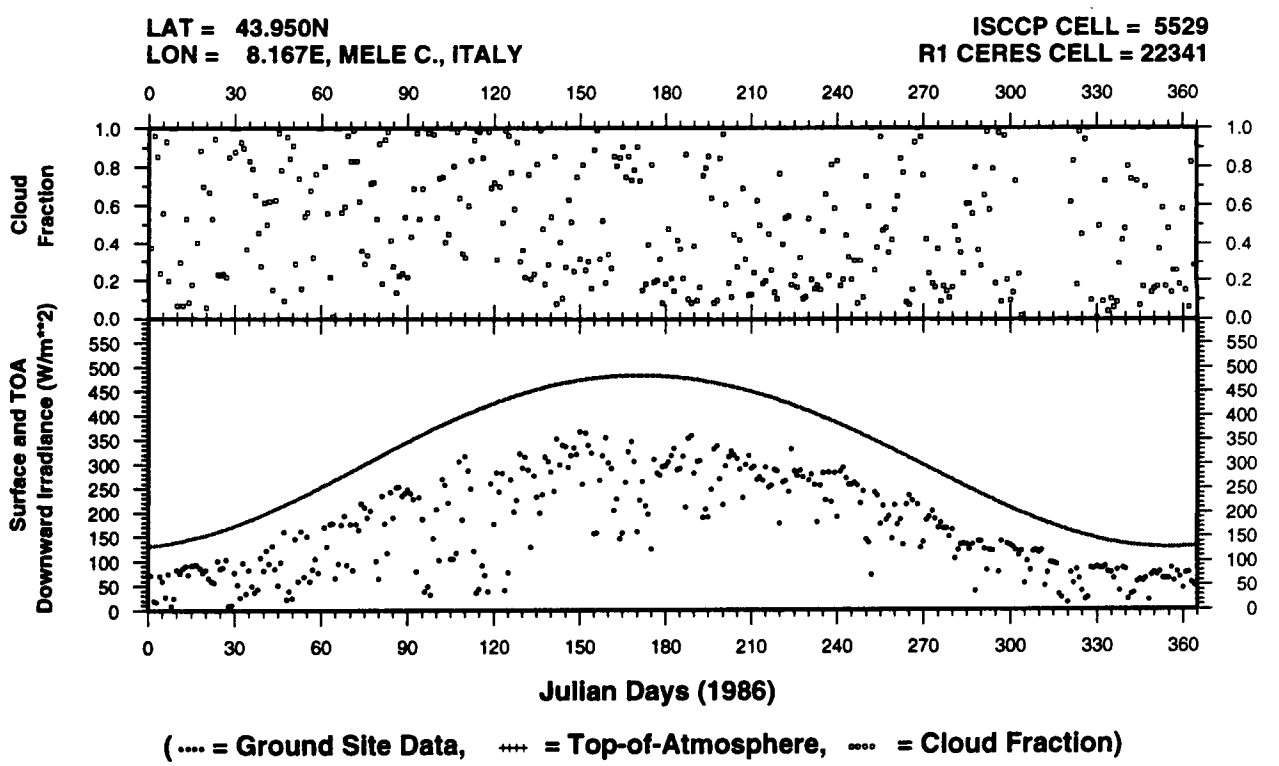
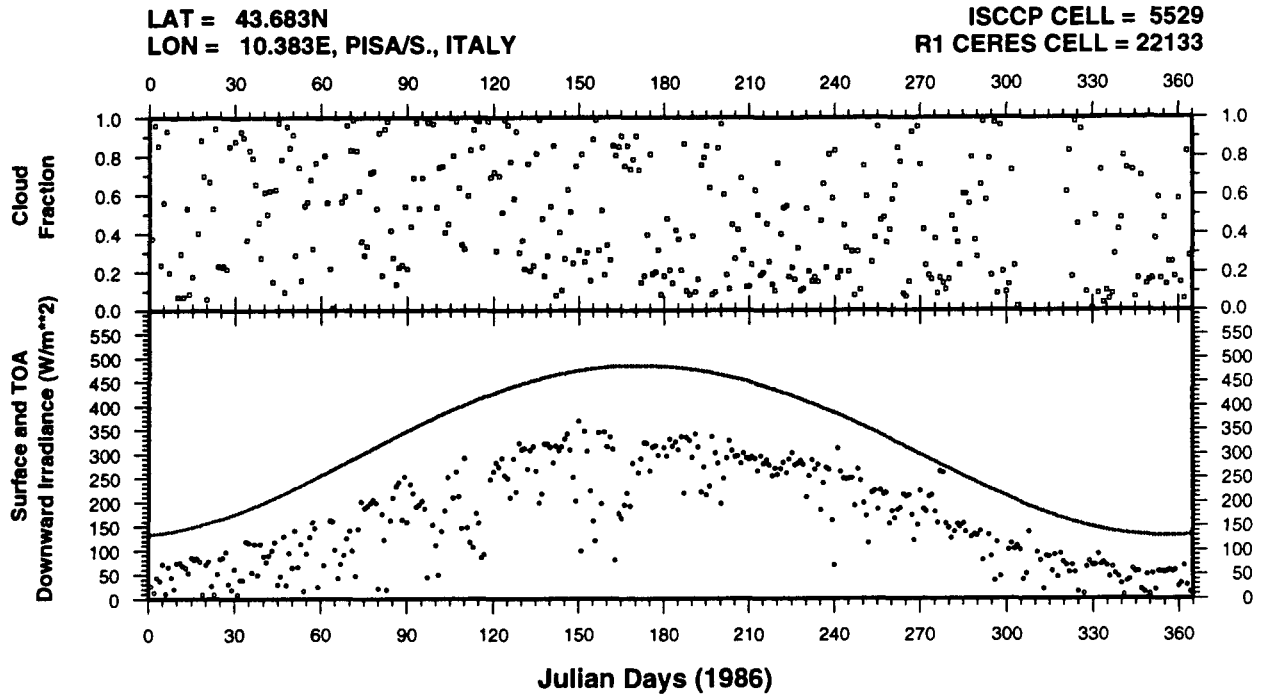
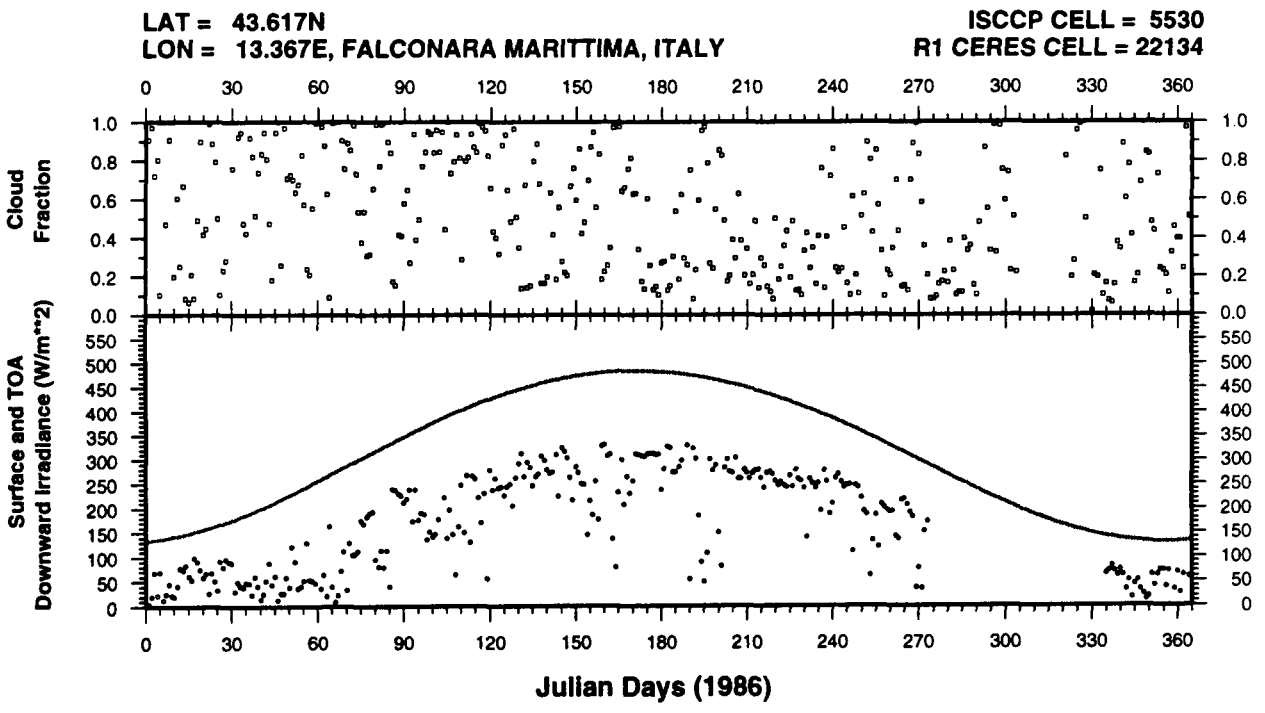


Figure C135. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MELE C., ITALY.



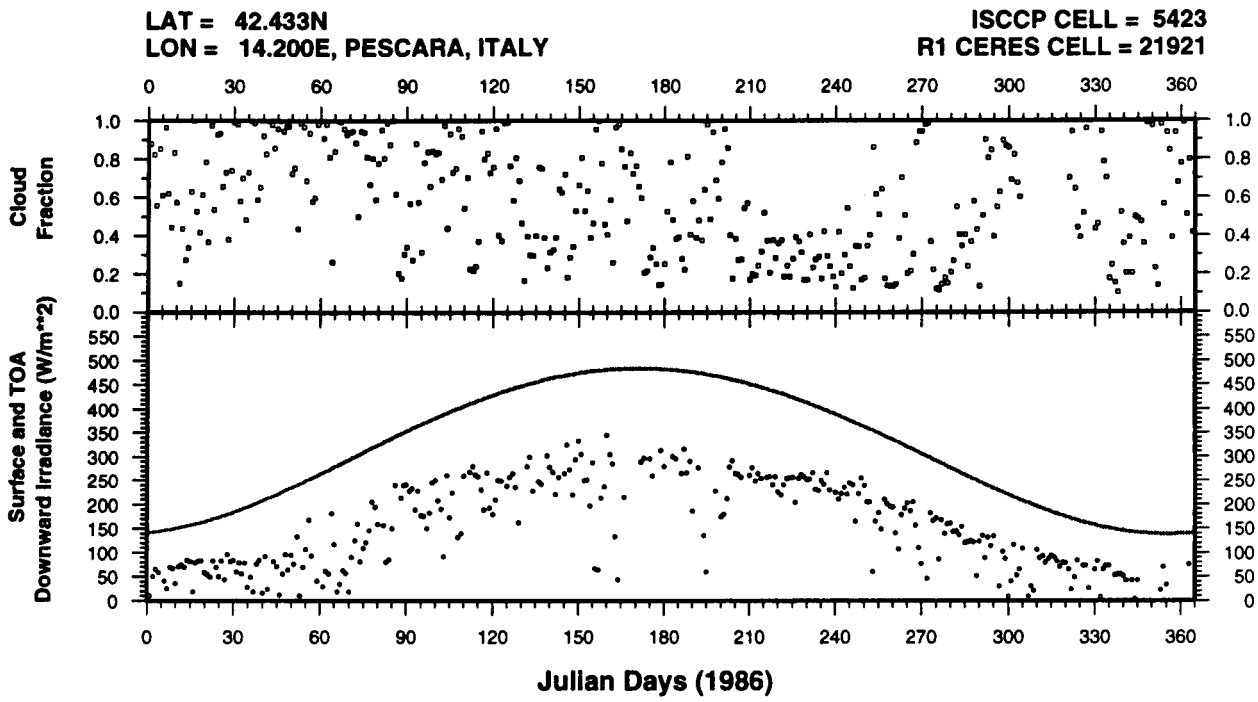
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C136. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PISA/S., ITALY.



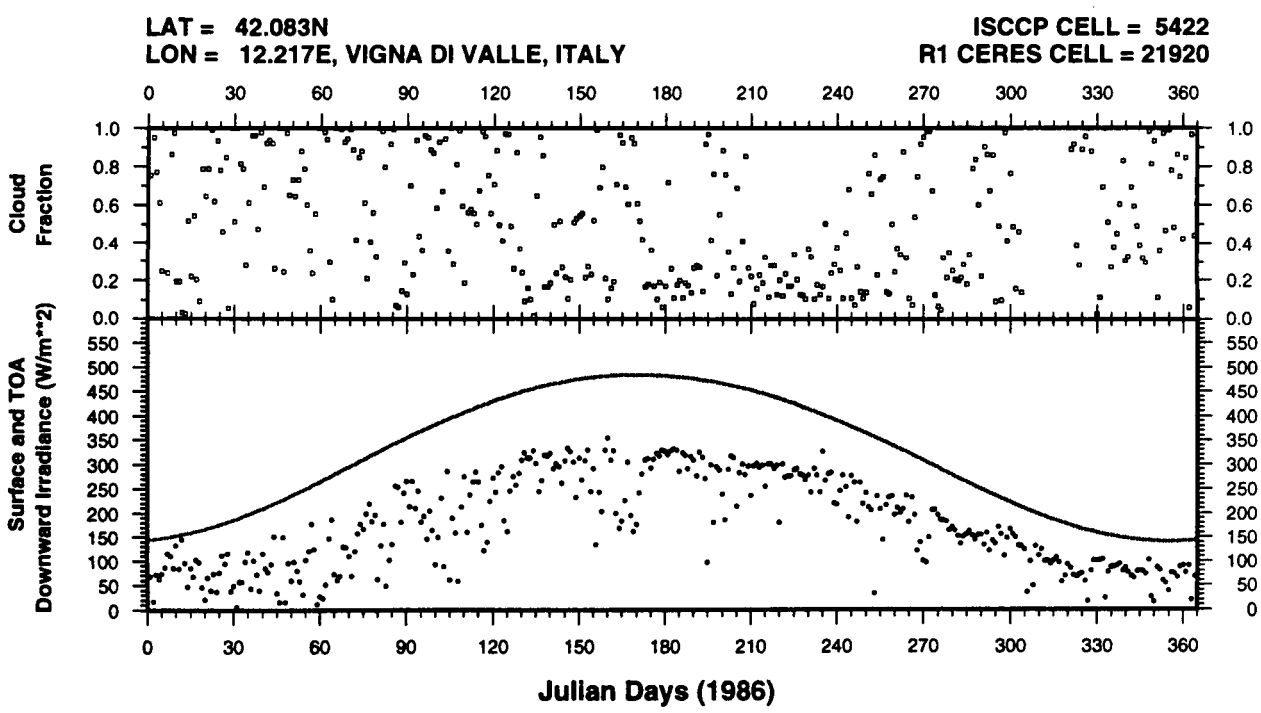
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C137. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FALCONARA MARITTIMA, ITALY.



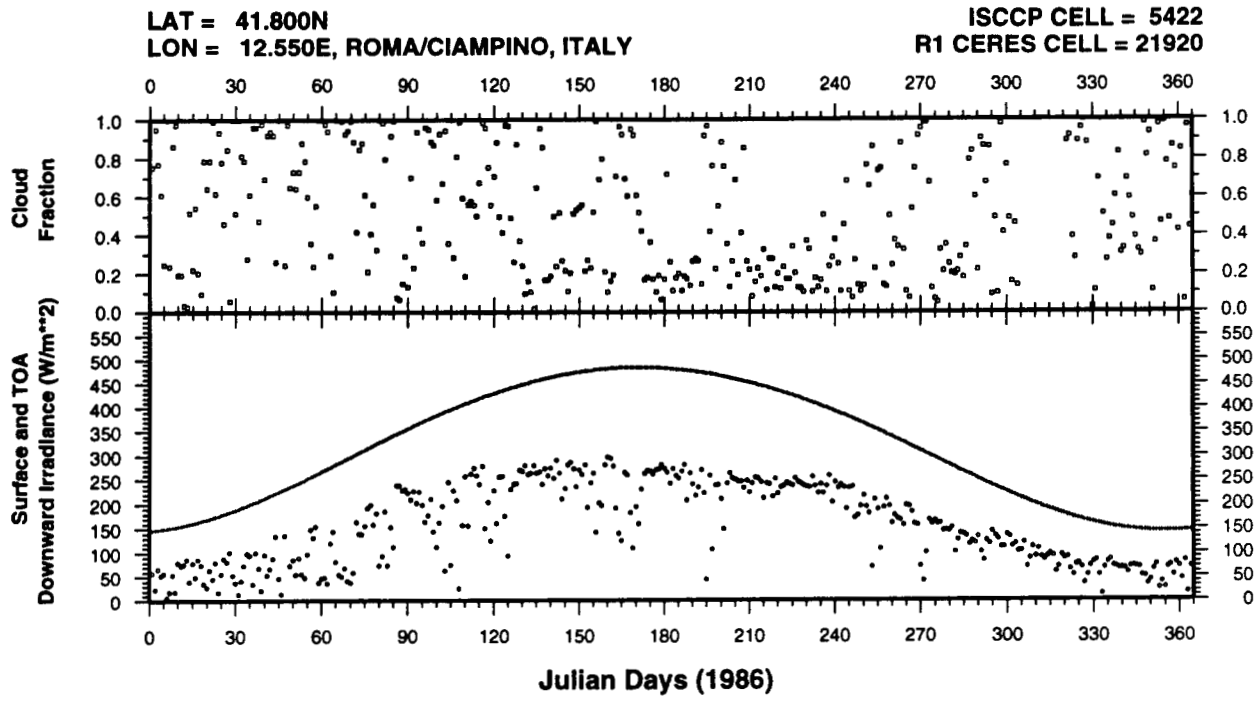
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C138. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PESCARA, ITALY.



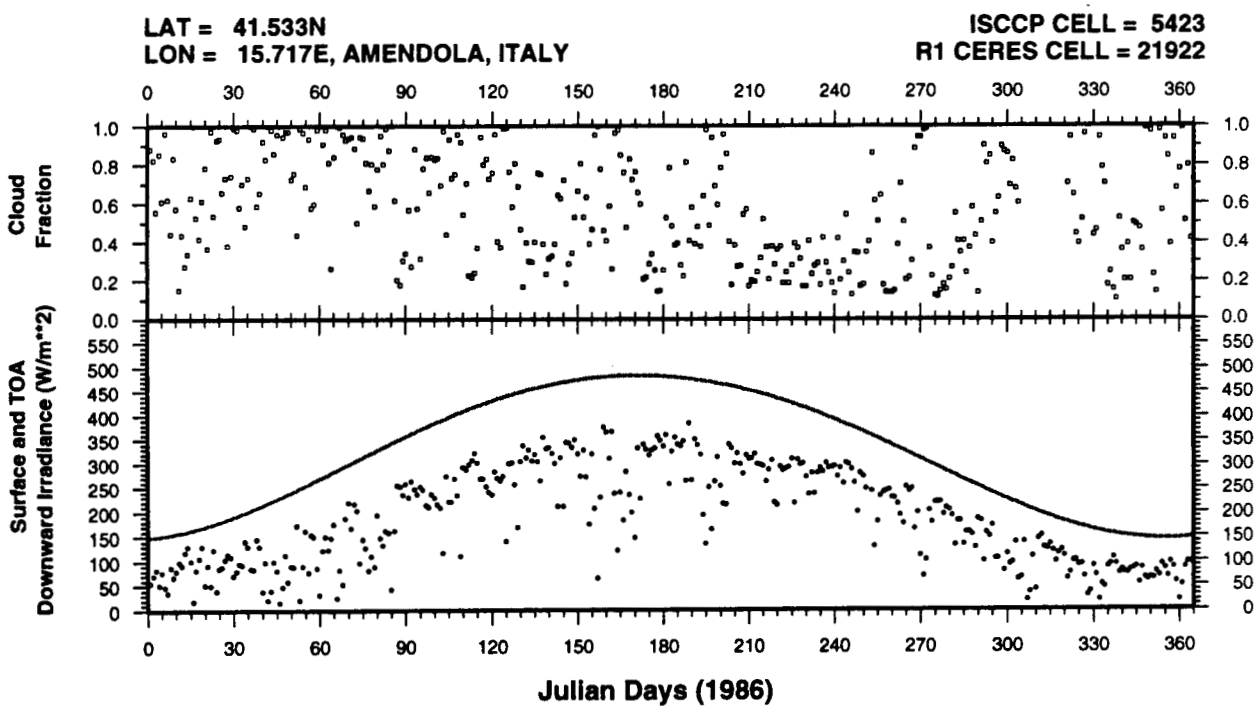
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C139. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VIGNA DI VALLE, ITALY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C140. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ROMA/CIAMPINO, ITALY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C141. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AMENDOLA, ITALY.

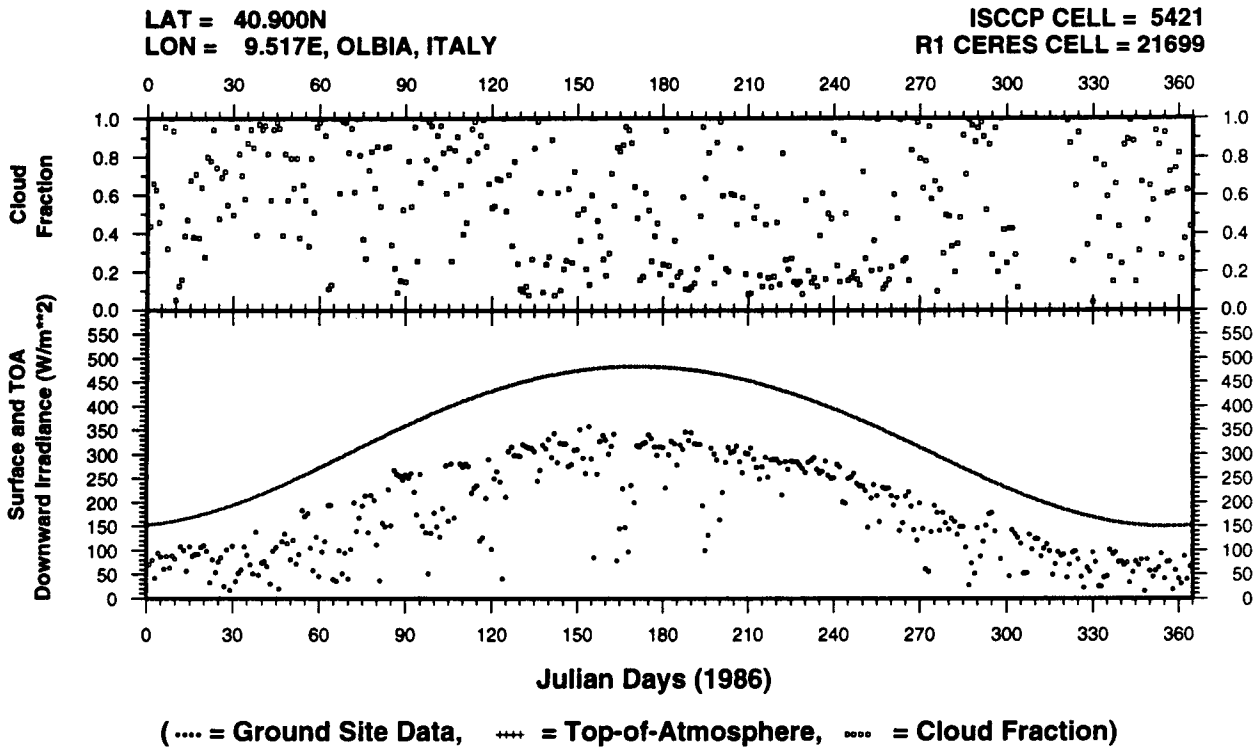


Figure C142. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OLBIA, ITALY.

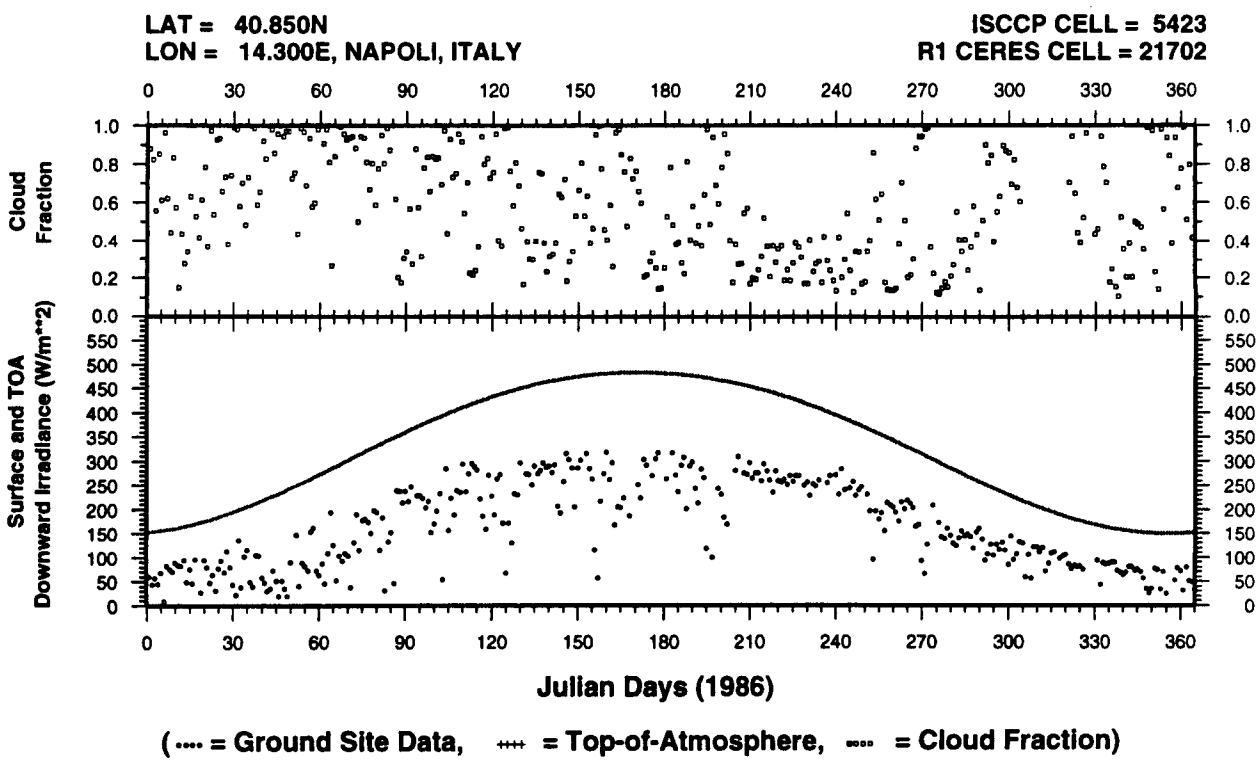


Figure C143. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAPOLI, ITALY.

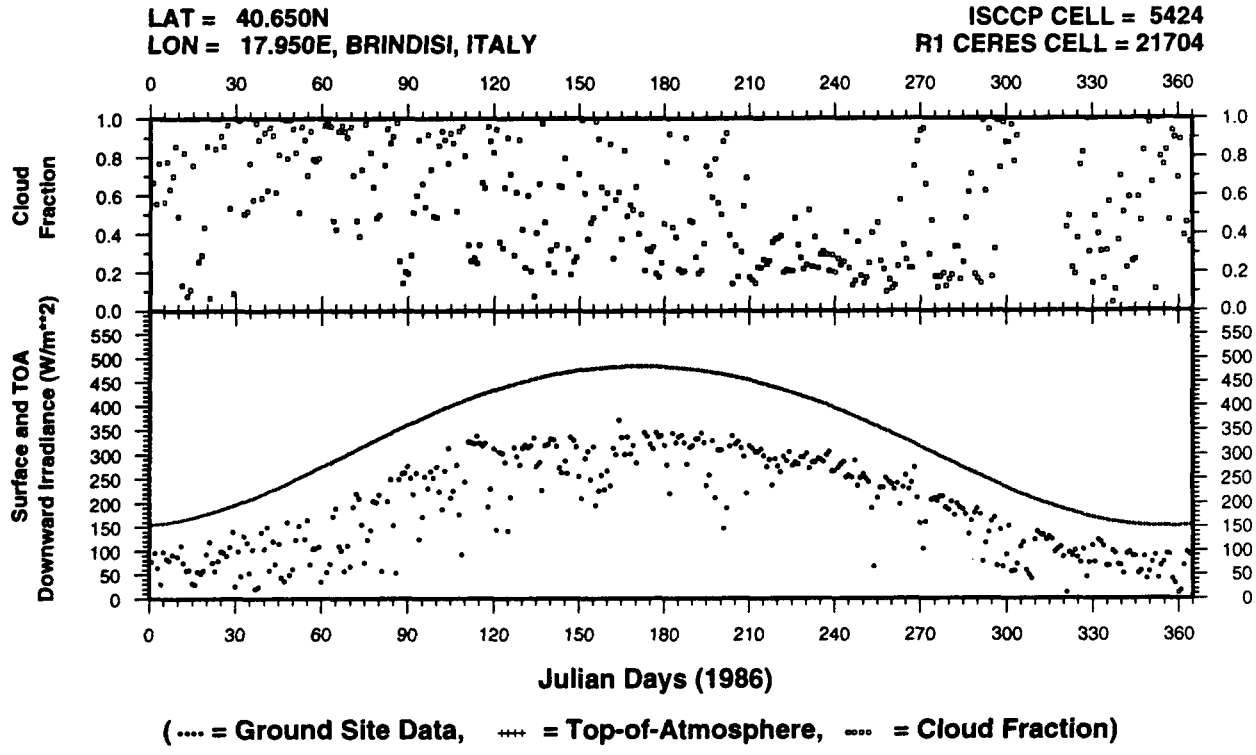


Figure C144. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRINDISI, ITALY.

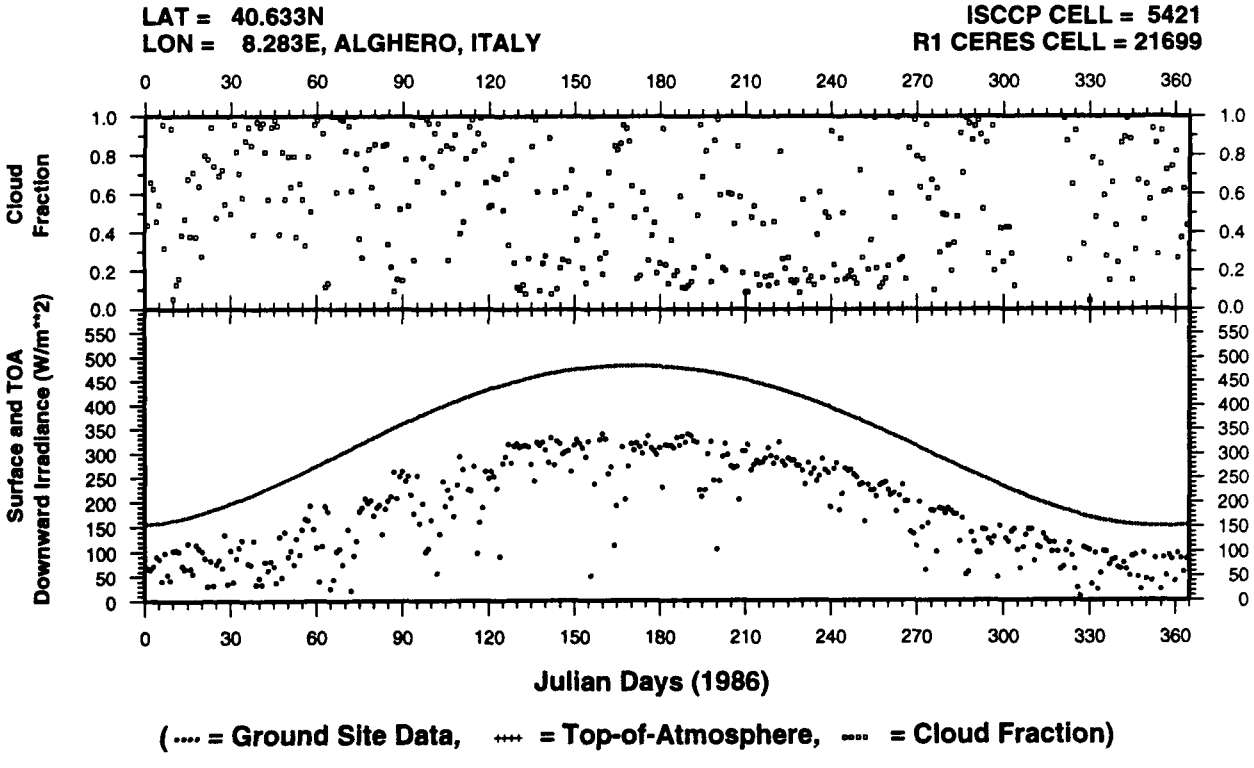
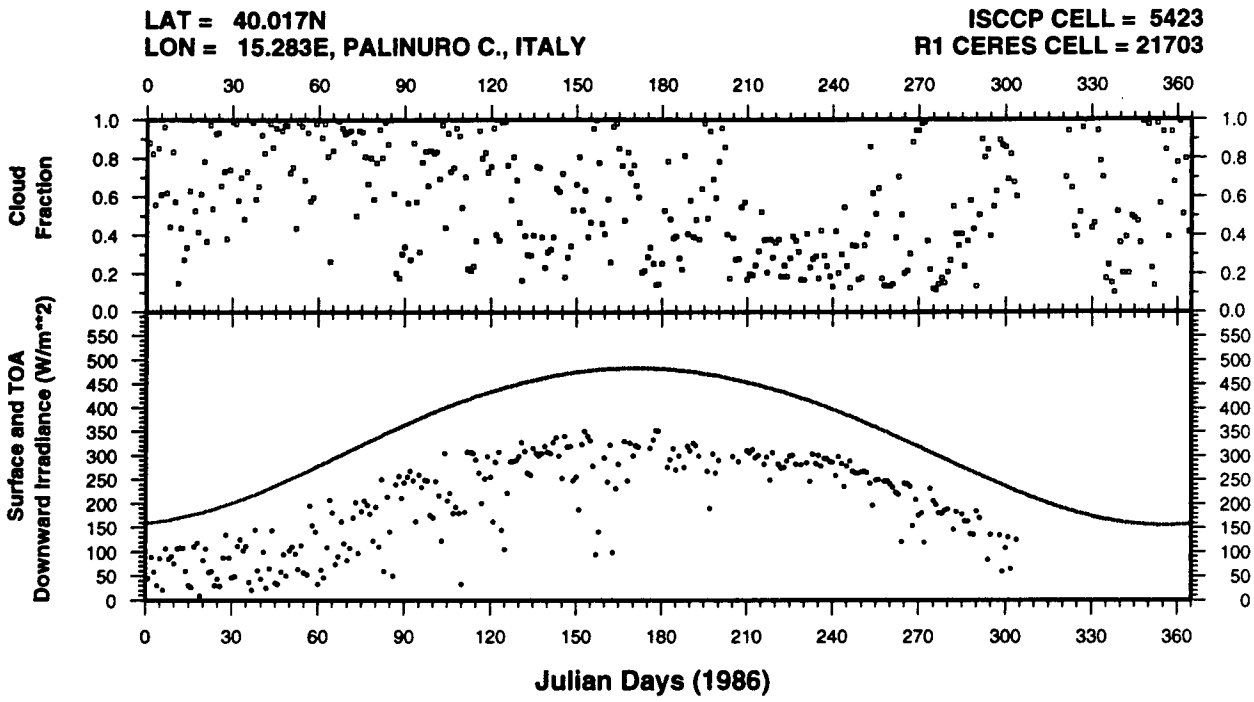
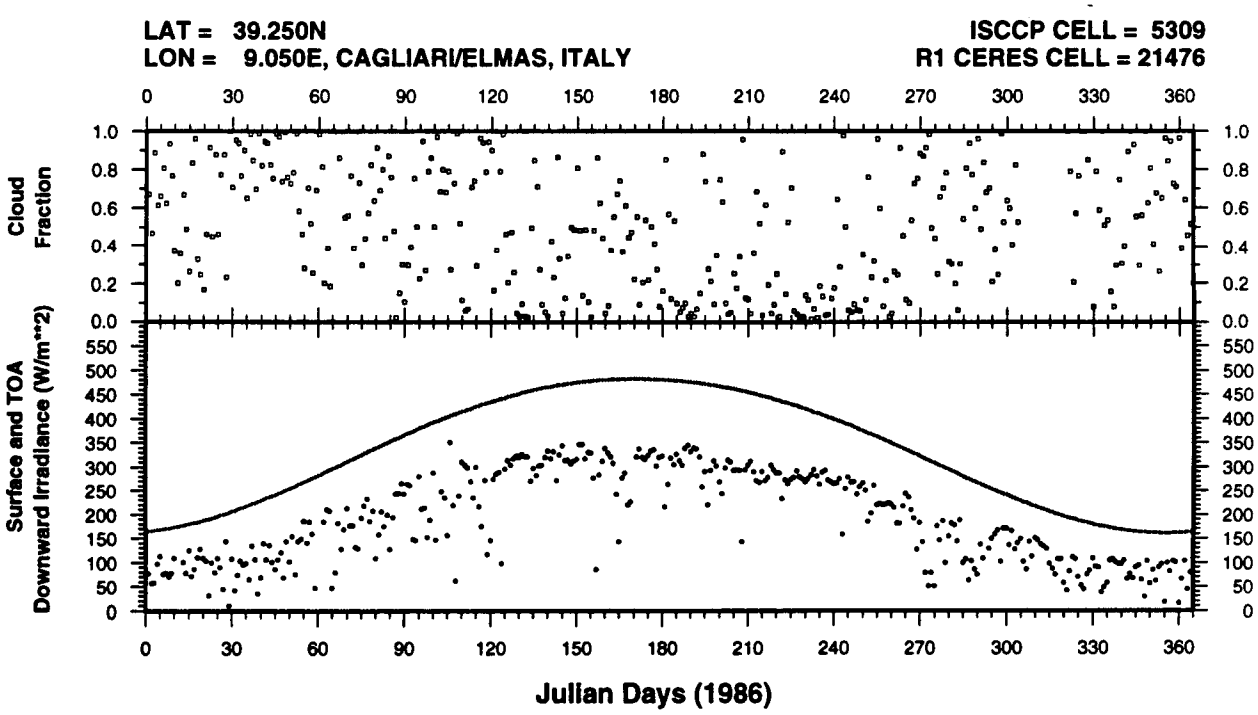


Figure C145. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ALGHERO, ITALY.



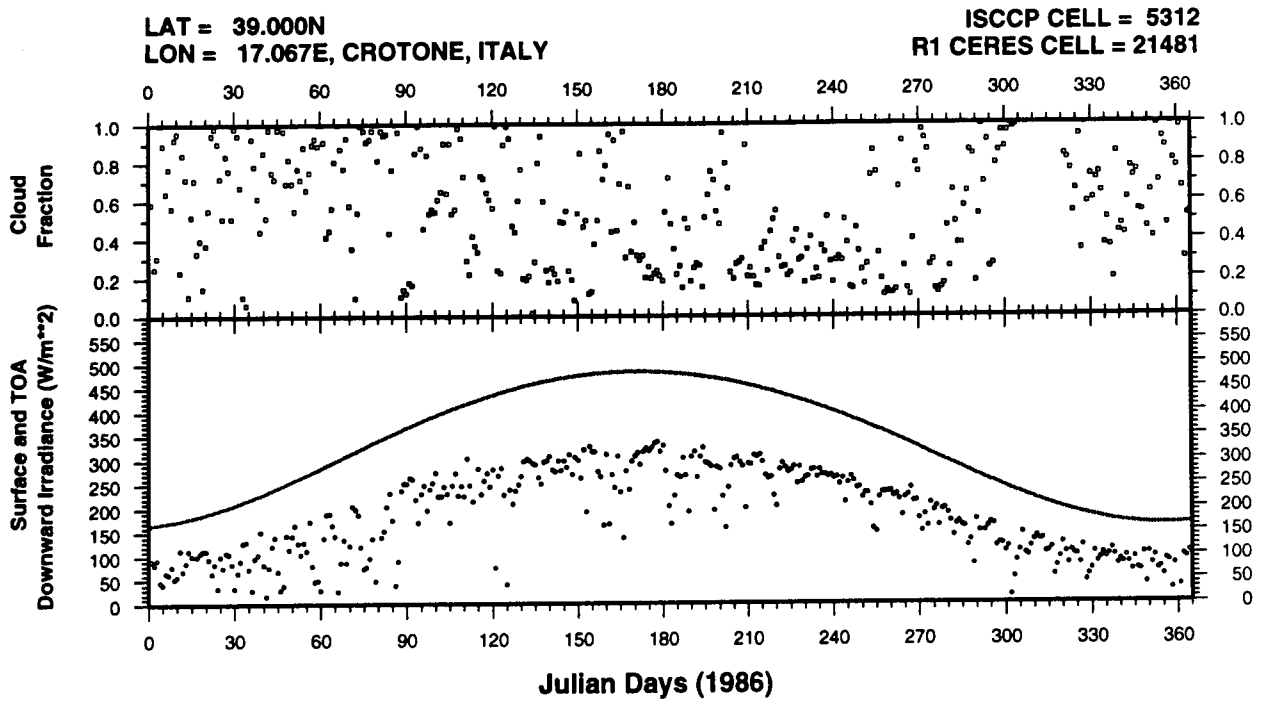
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C146. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PALINURO C., ITALY.



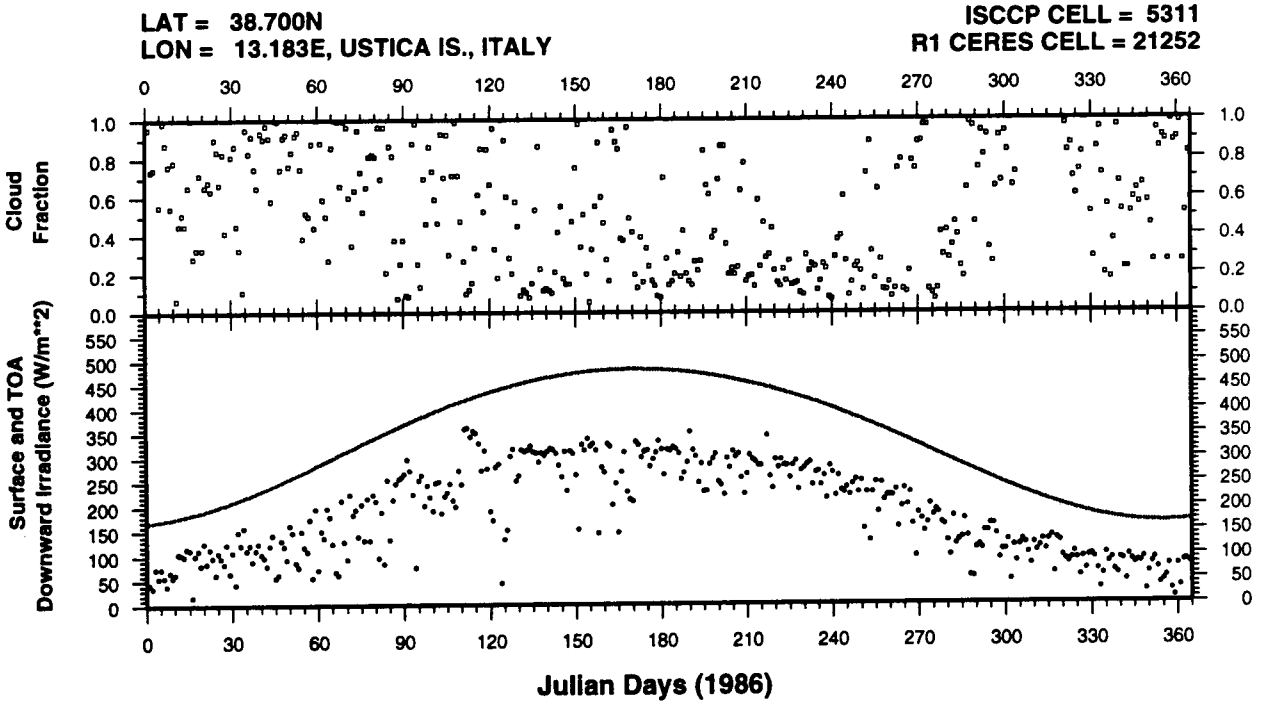
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C147. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAGLIARI/ELMAS, ITALY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C148. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CROTONE, ITALY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C149. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for USTICA IS., ITALY.

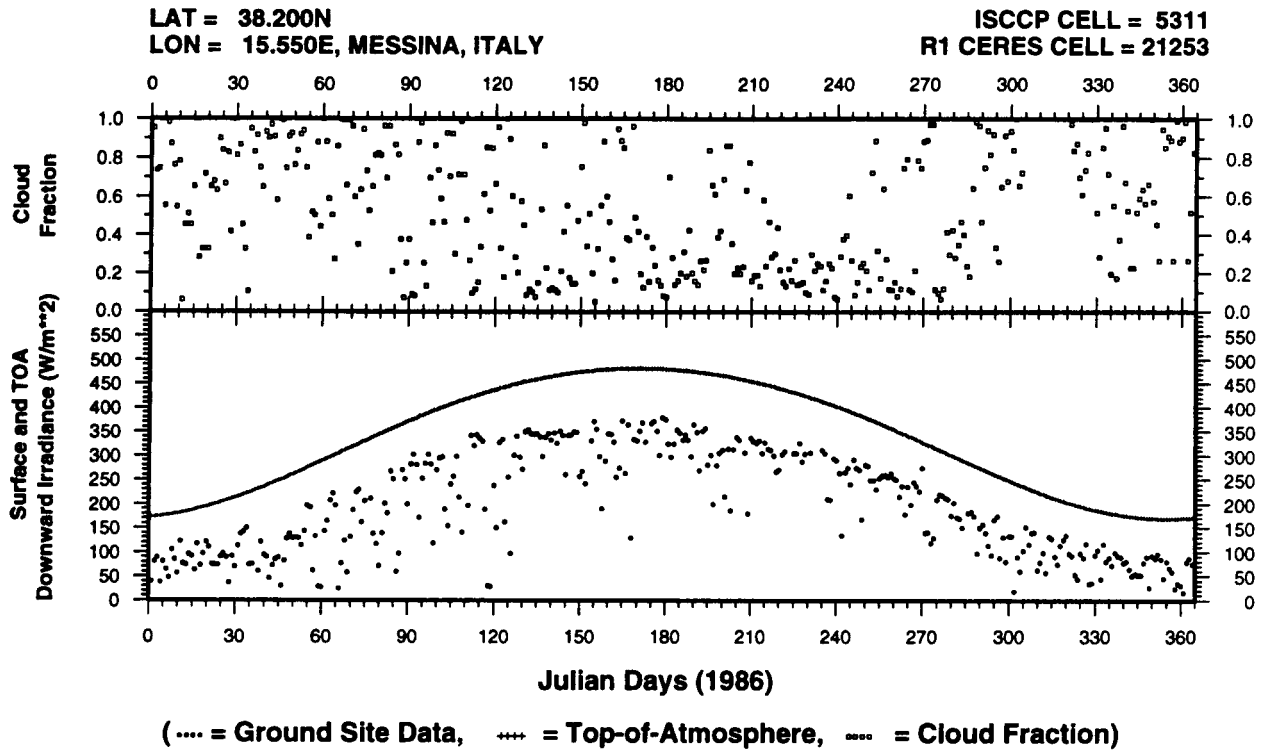


Figure C150. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MESSINA, ITALY.

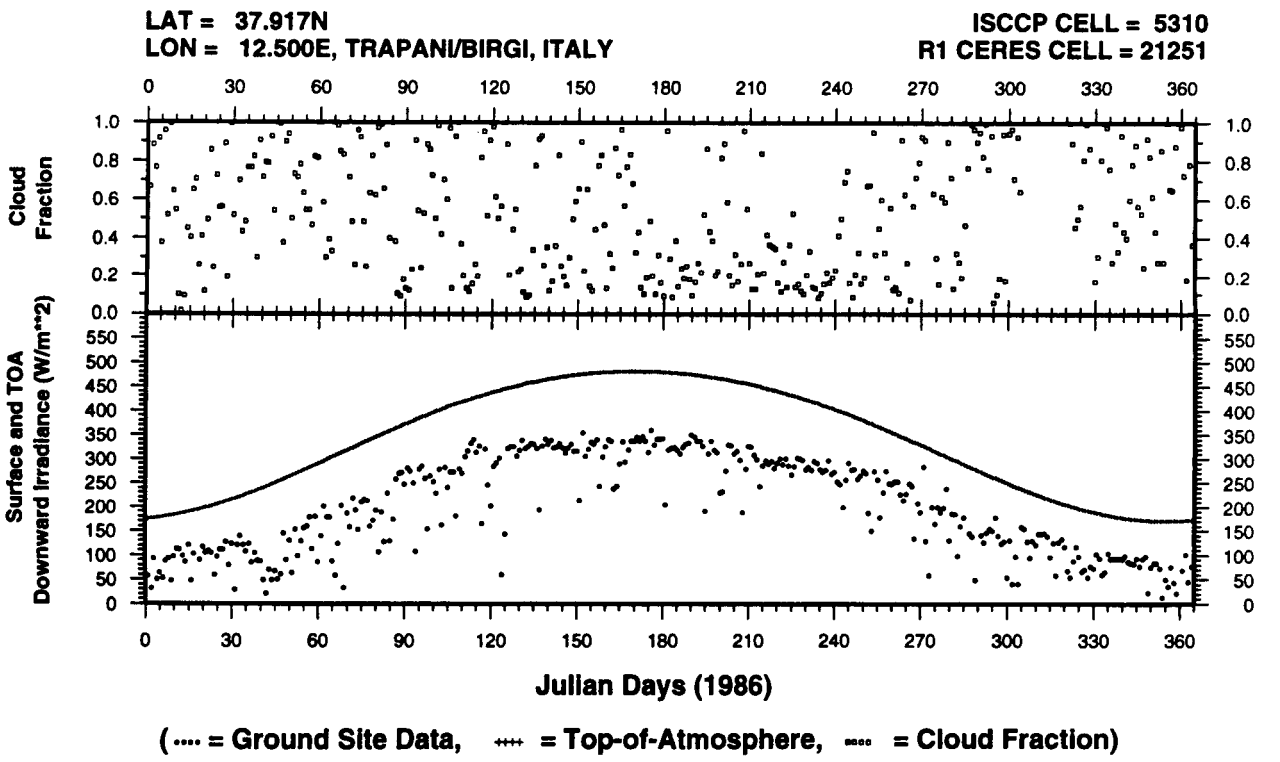
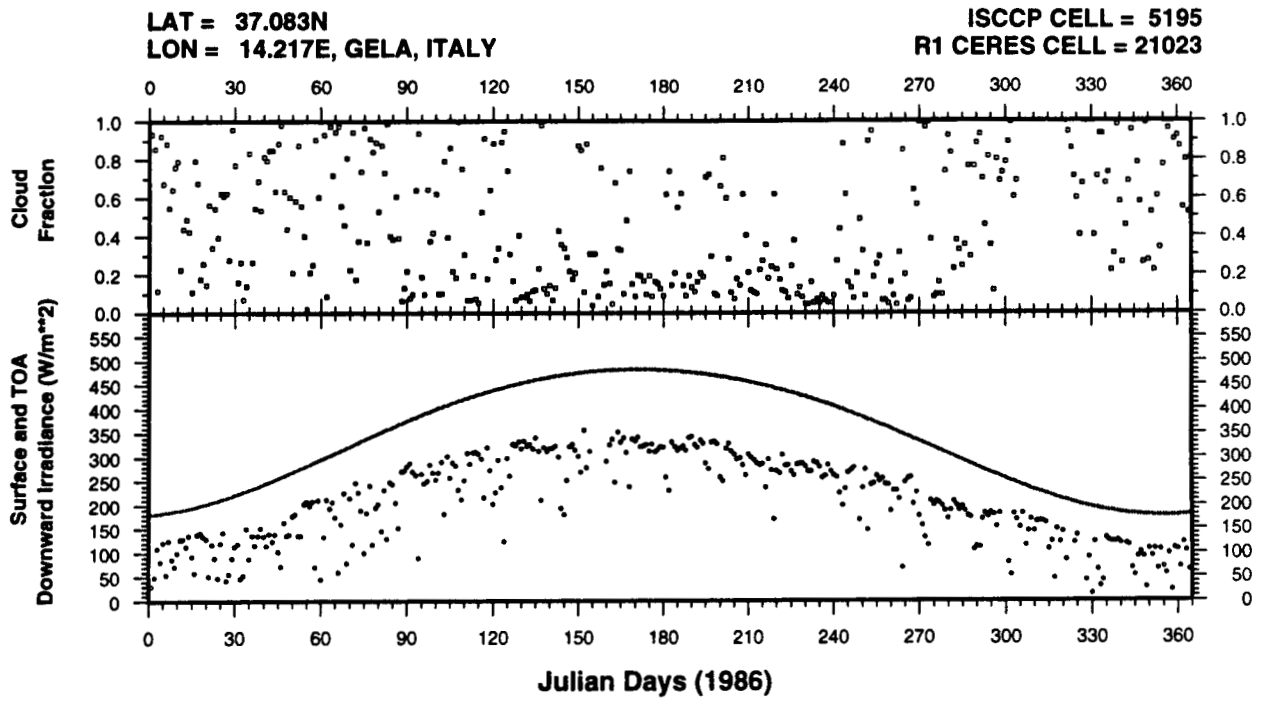
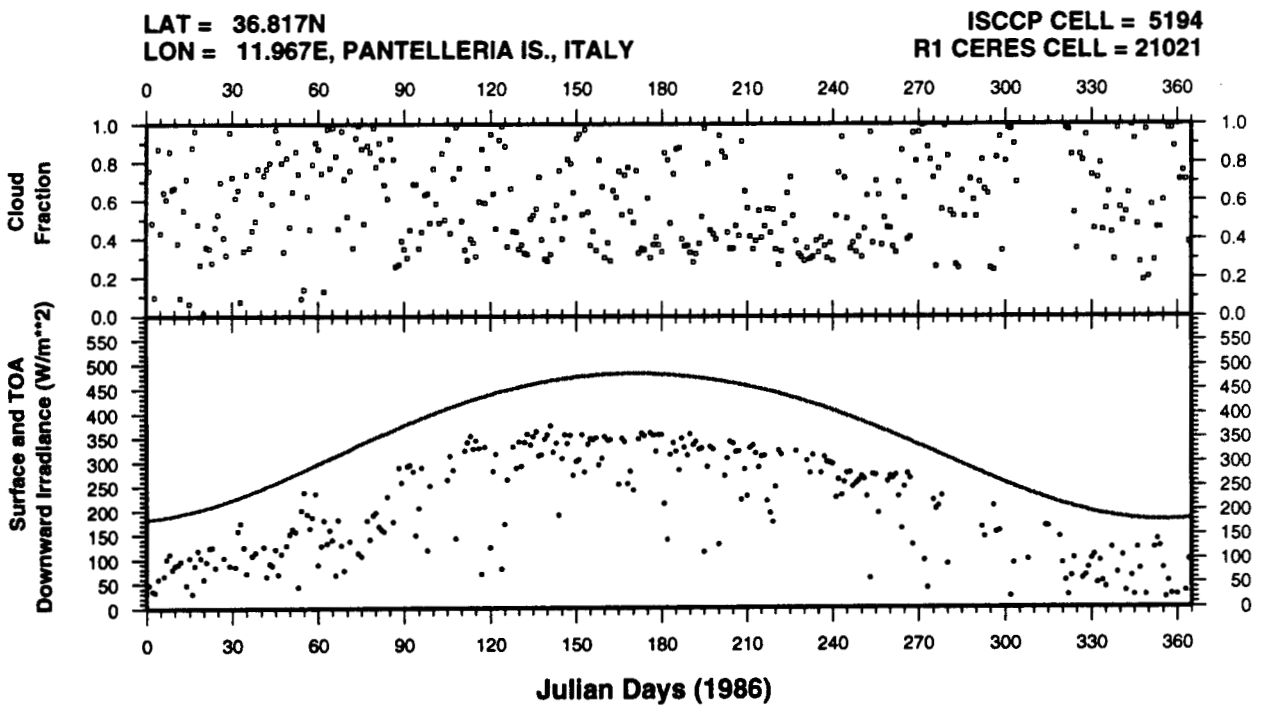


Figure C151. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRAPANI/BIRGI, ITALY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C152. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GELA, ITALY.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C153. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PANTELLERIA IS., ITALY.

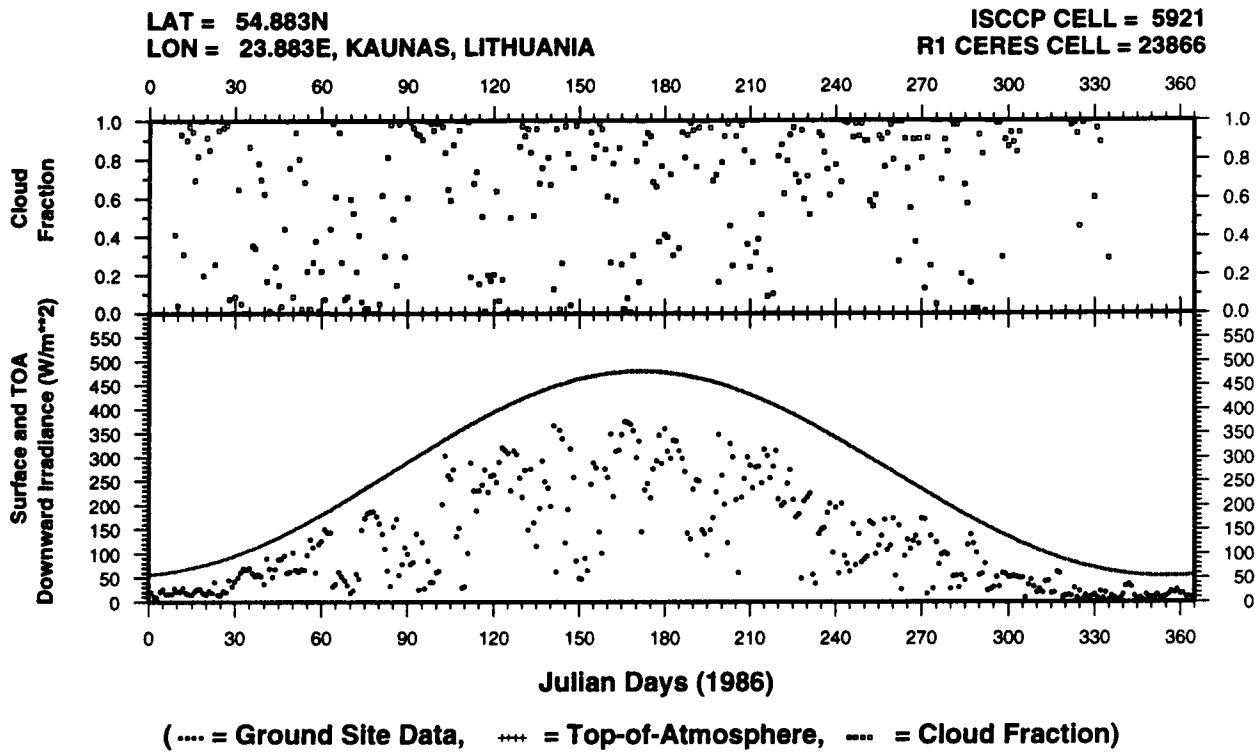


Figure C154. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KAUNAS, LITHUANIA.

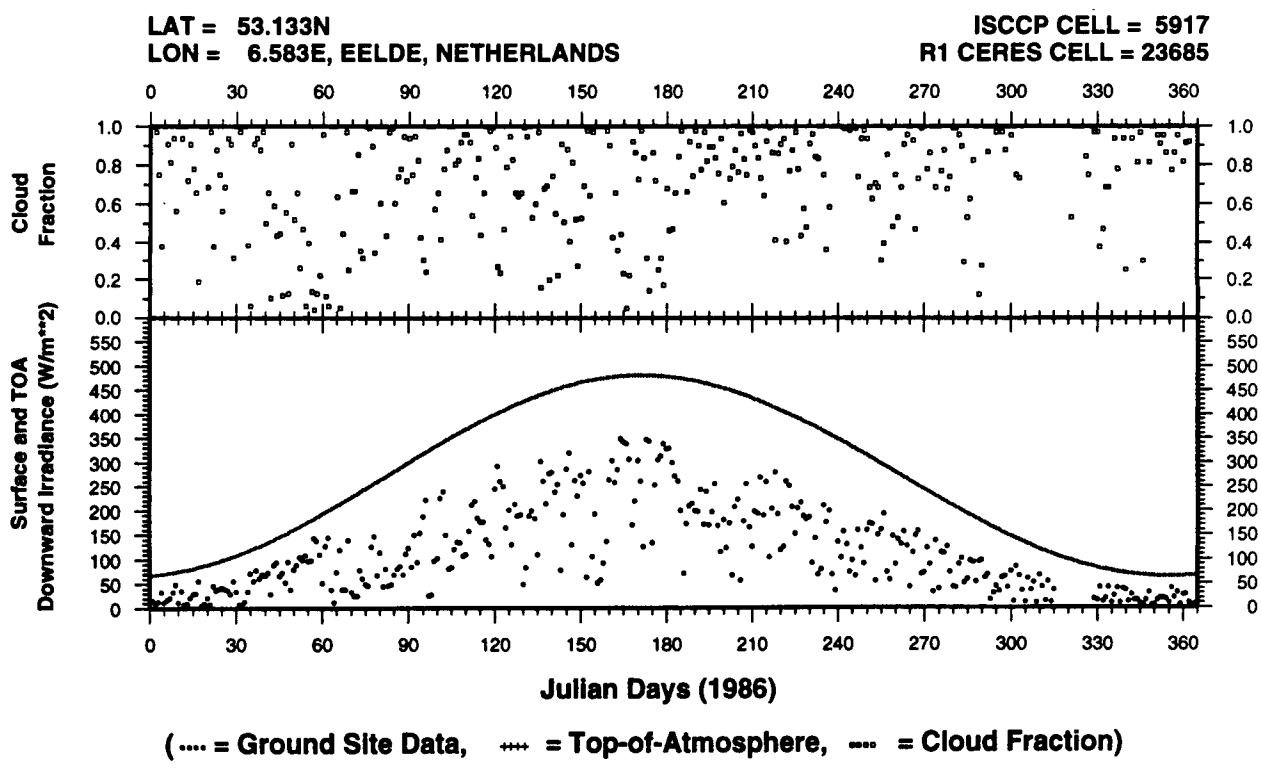


Figure C155. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EELDE, NETHERLANDS.

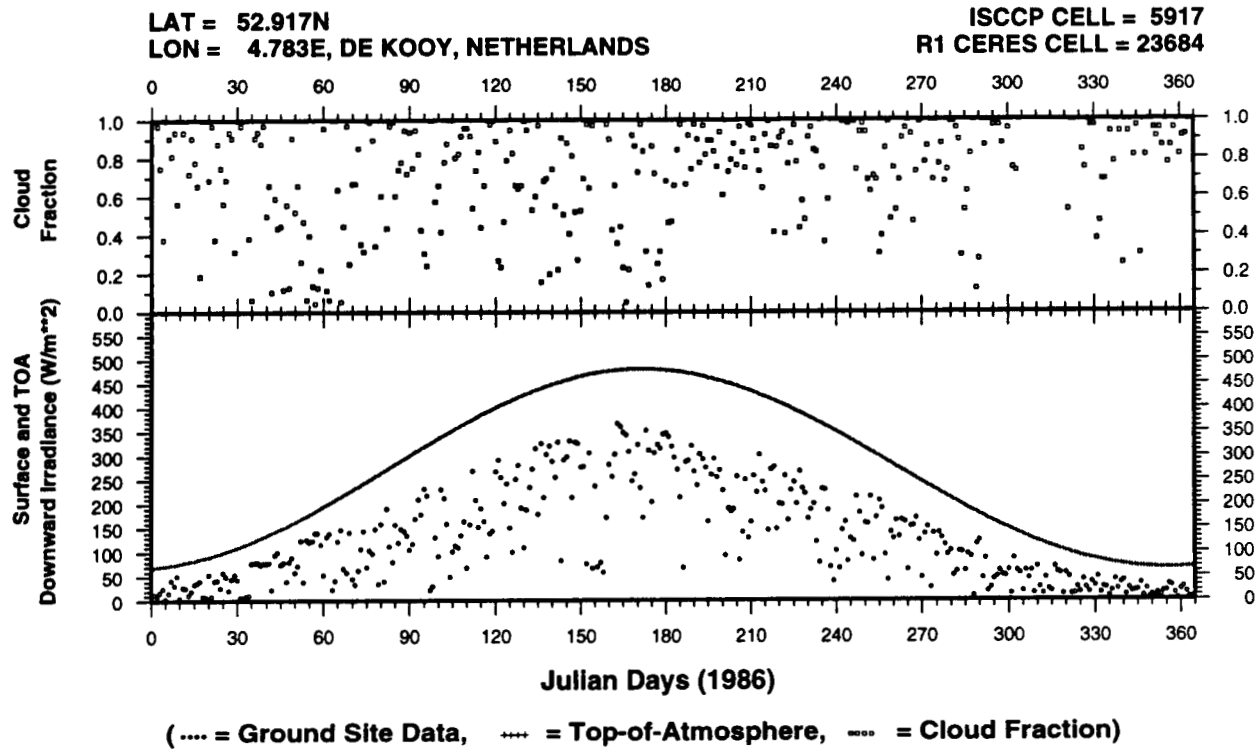


Figure C156. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DE KOOY, NETHERLANDS.

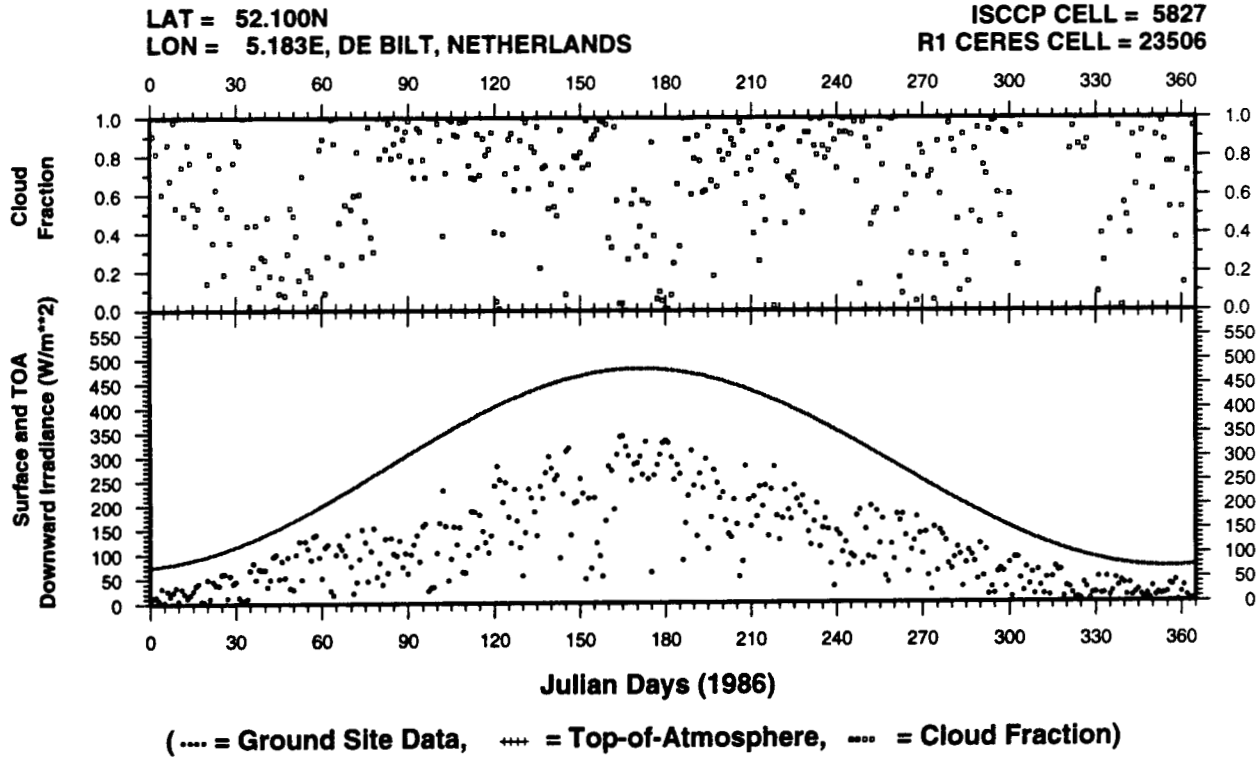


Figure C157. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DE BILT, NETHERLANDS.

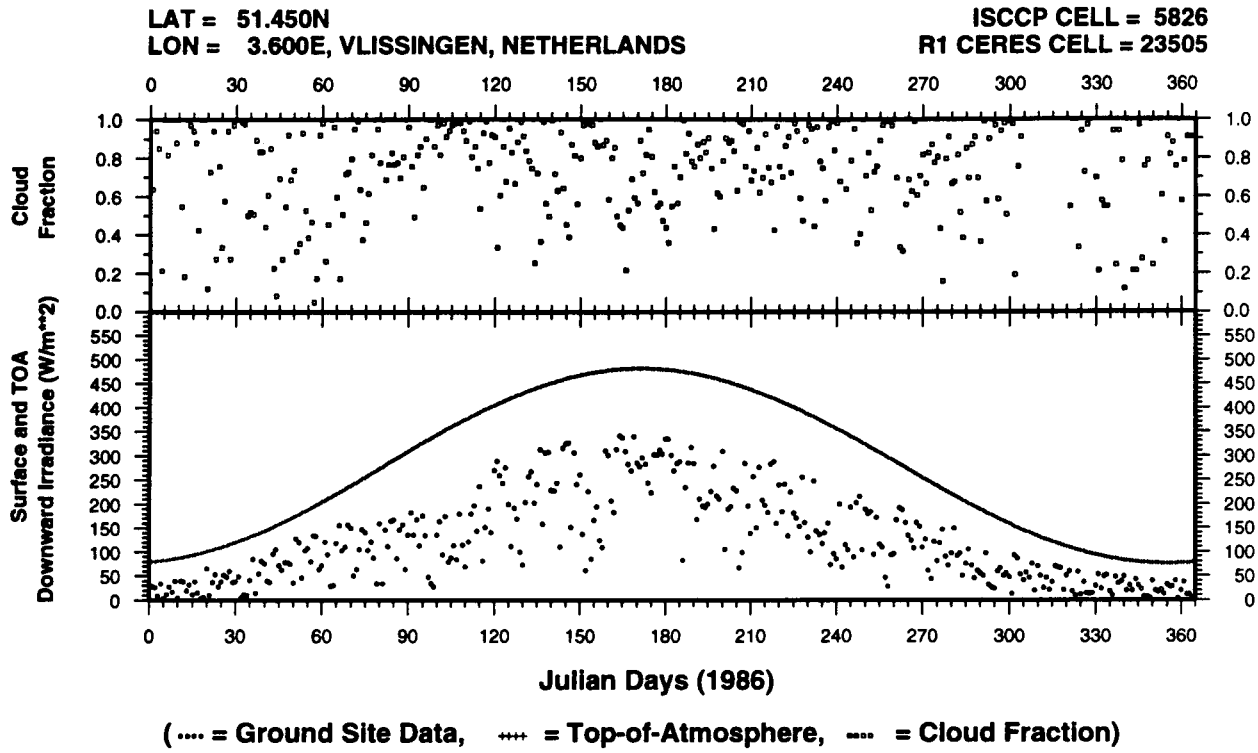


Figure C158. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VLISSINGEN, NETHERLANDS.

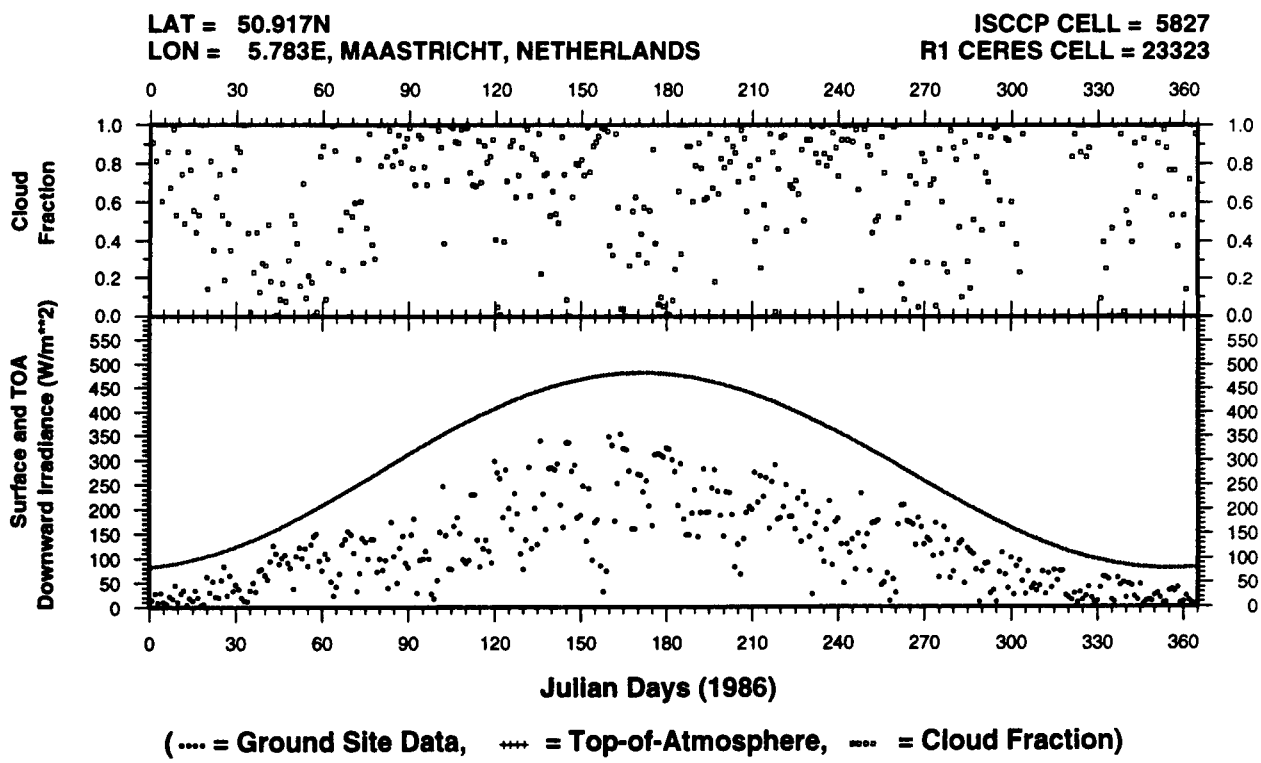


Figure C159. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MAASTRICHT, NETHERLANDS.

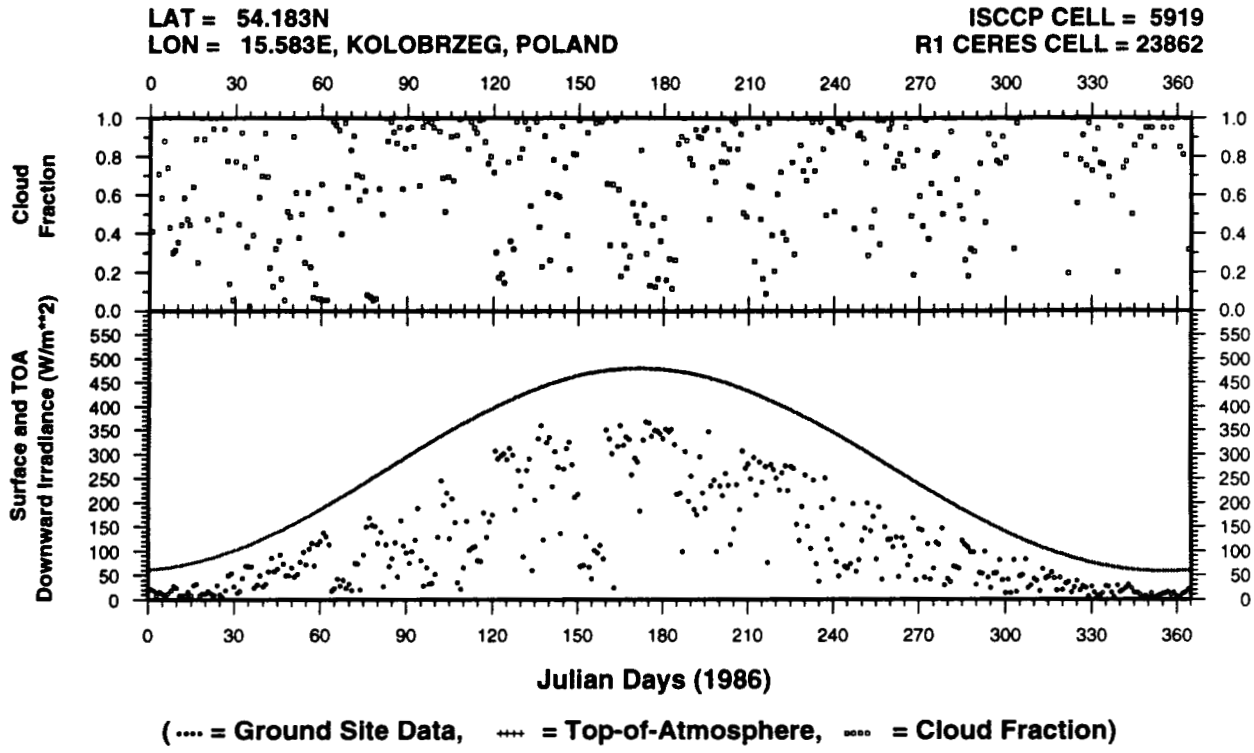


Figure C160. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KOLOBRZEG, POLAND.

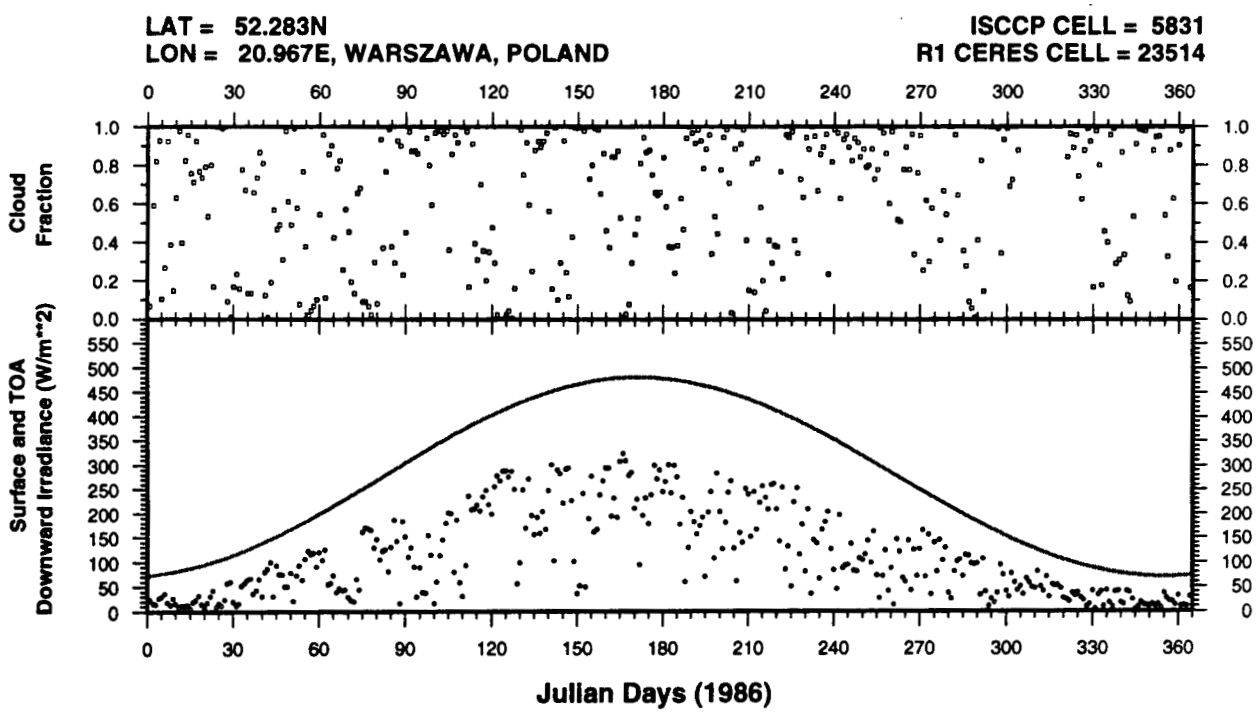
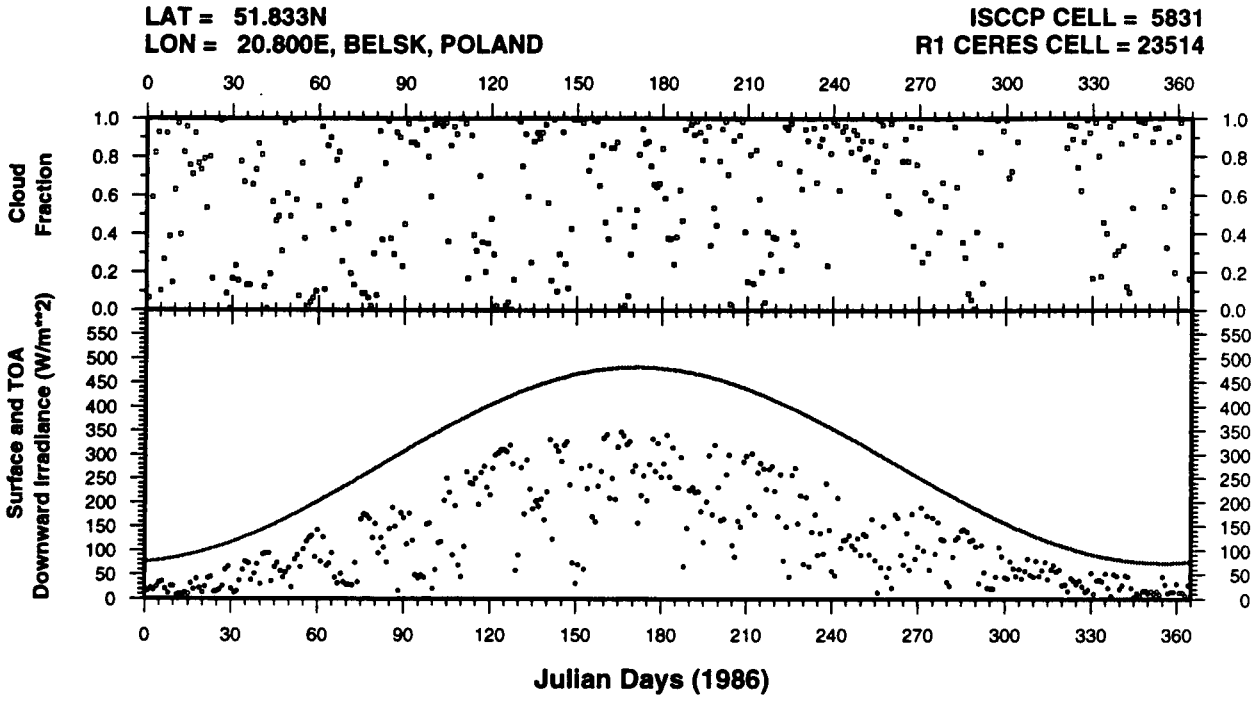
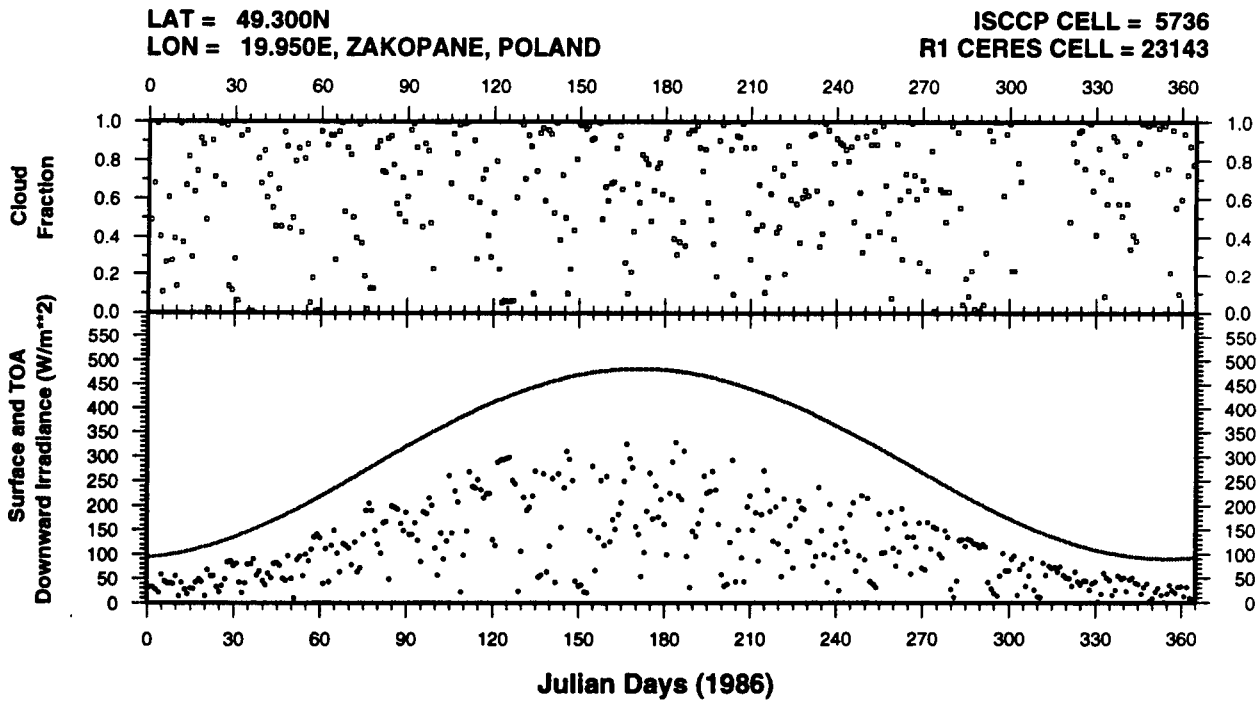


Figure C161. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WARSZAWA, POLAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C162. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BELSK, POLAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C163. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ZAKOPANE, POLAND.

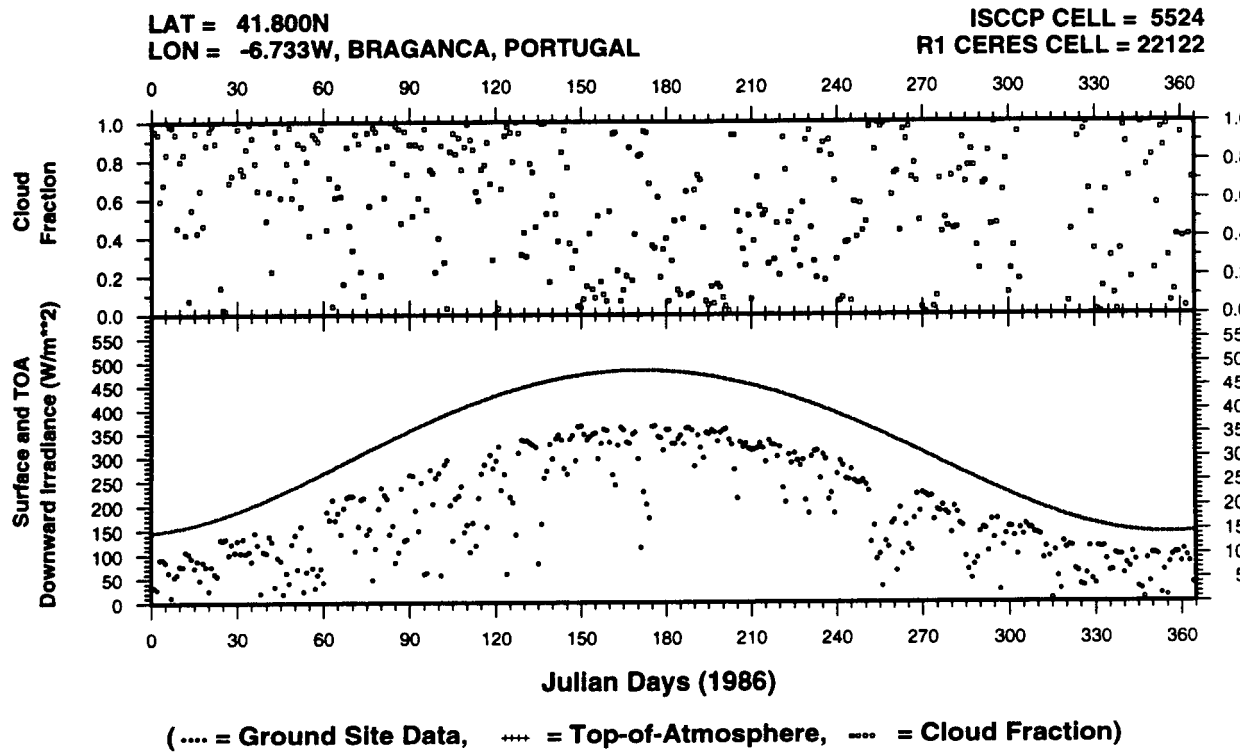


Figure C164. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRAGANCA, PORTUGAL.

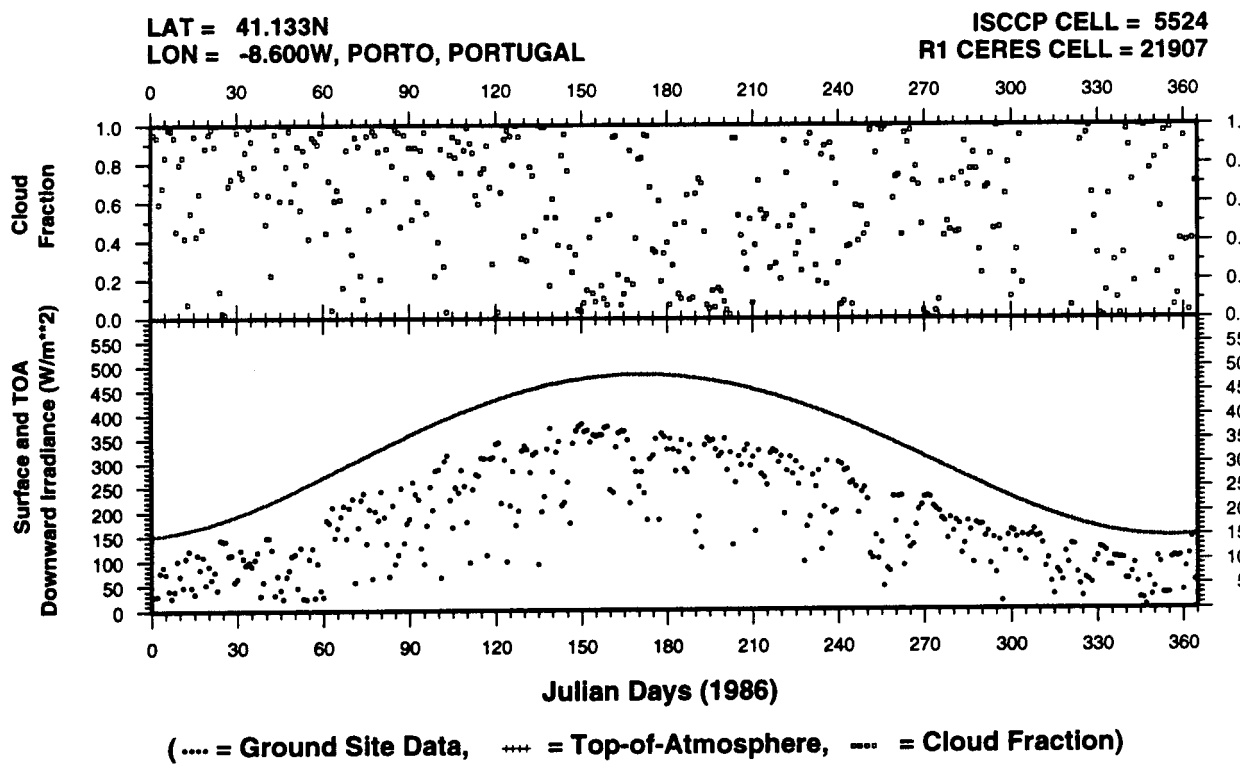
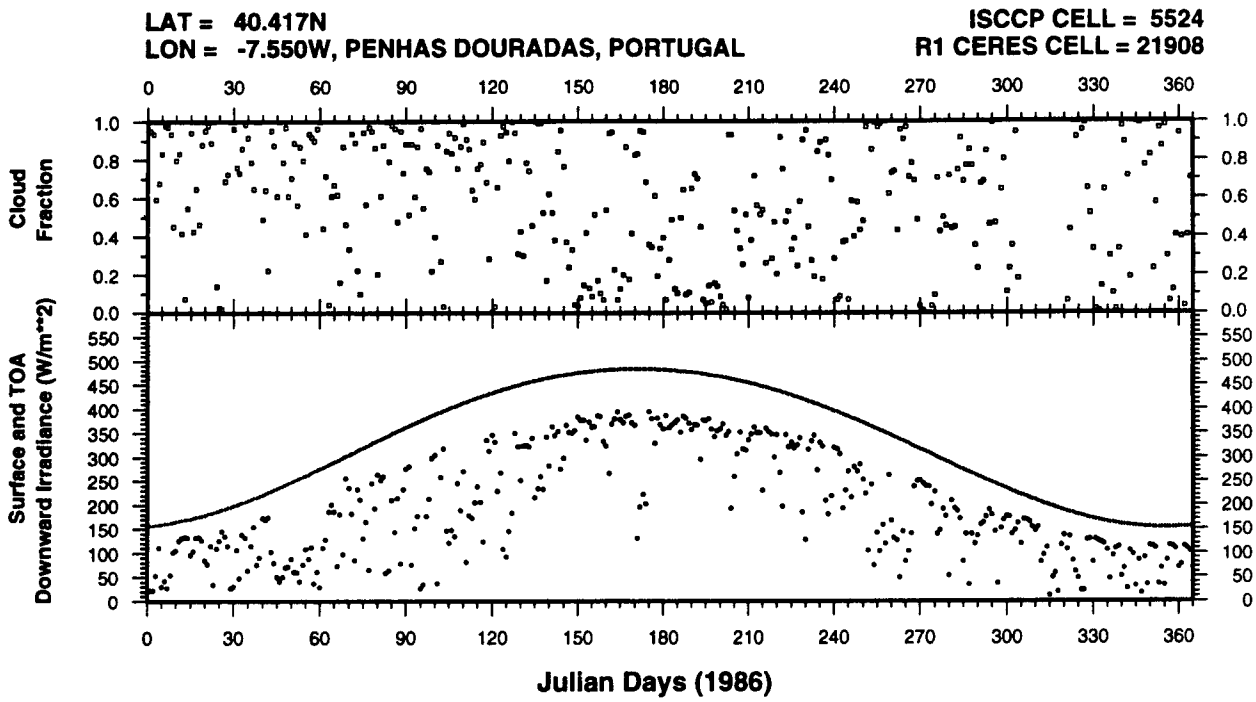
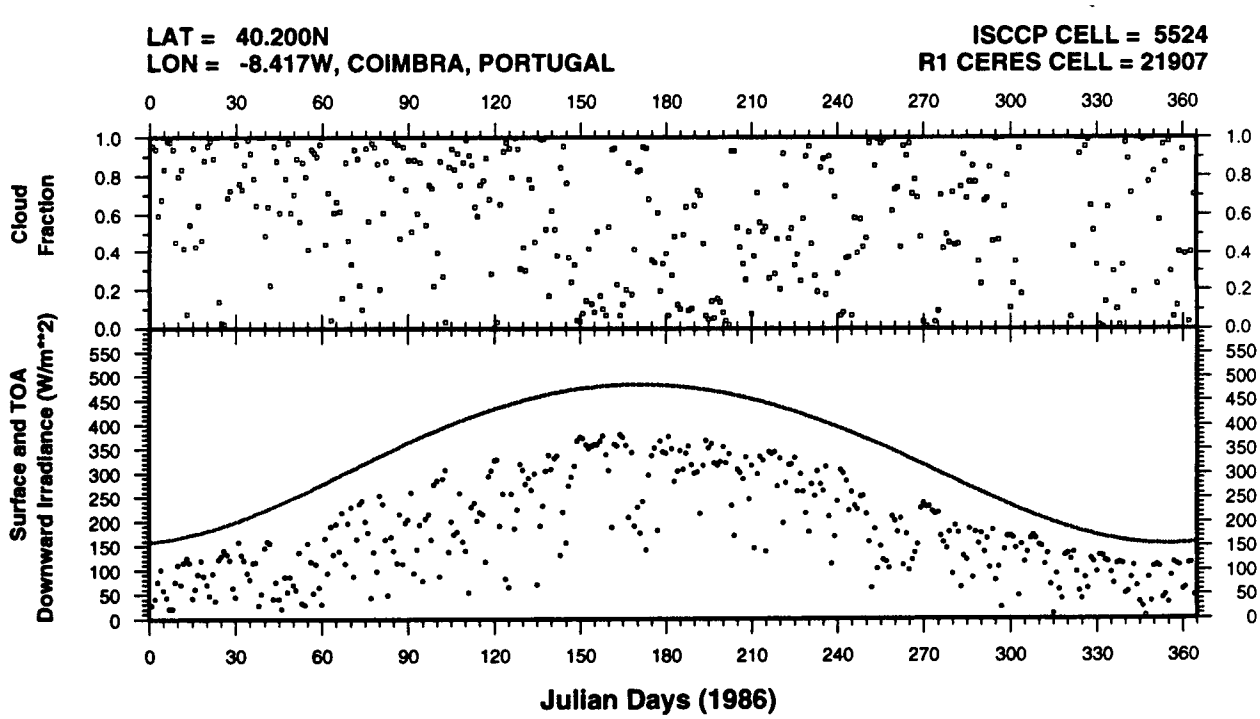


Figure C165. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PORTO, PORTUGAL.



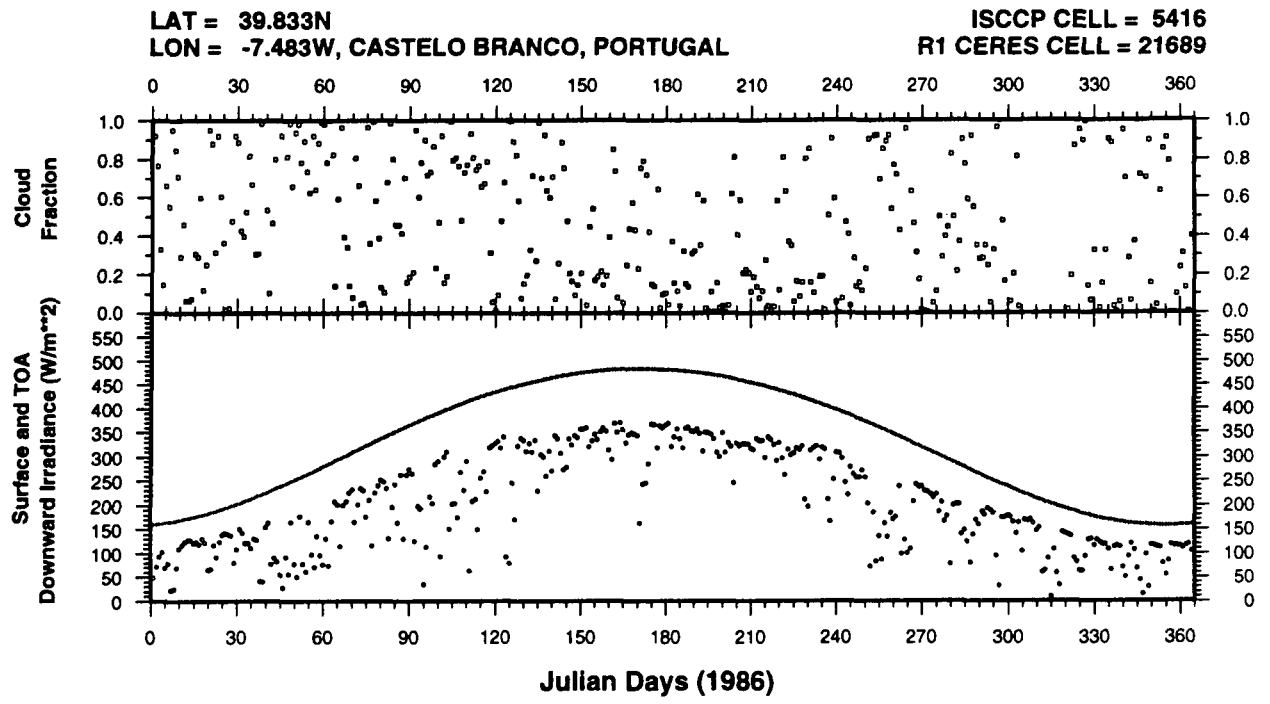
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C166. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PENHAS DOURADAS, PORTUGAL.



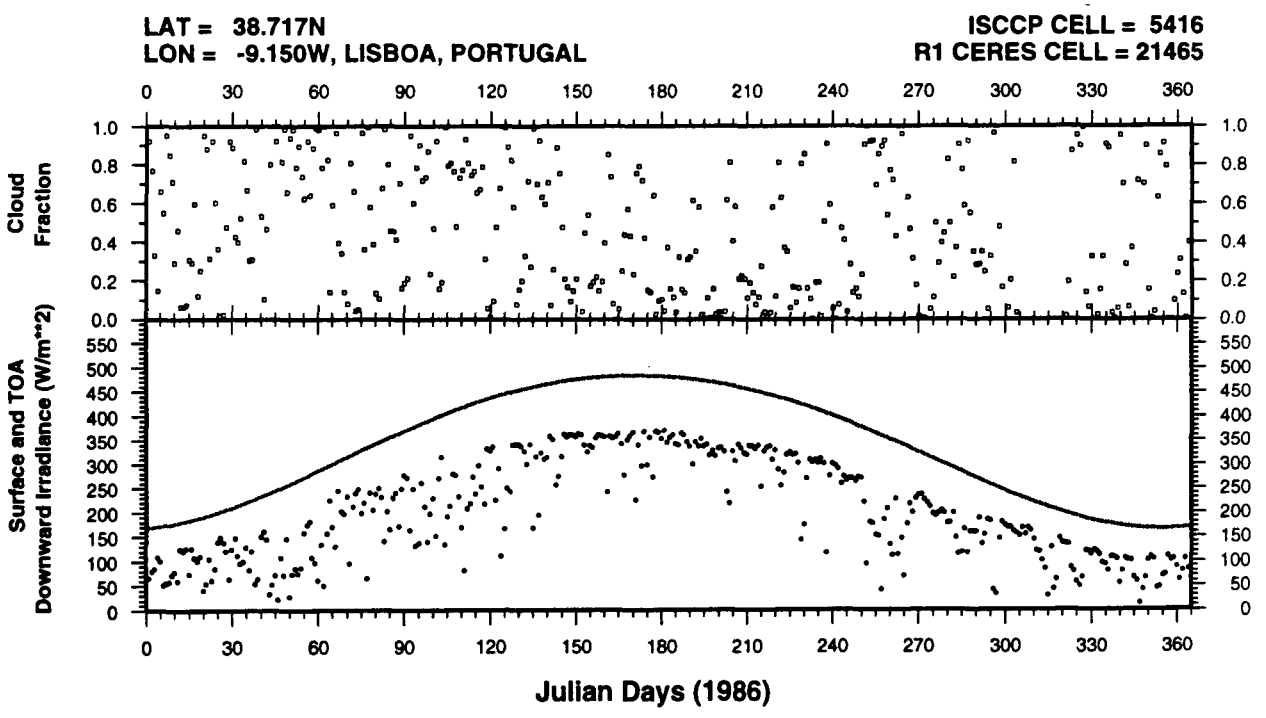
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C167. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for COIMBRA, PORTUGAL.



(···· = Ground Site Data, +++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C168. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CASTELO BRANCO, PORTUGAL.



(···· = Ground Site Data, +++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C169. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LISBOA, PORTUGAL.

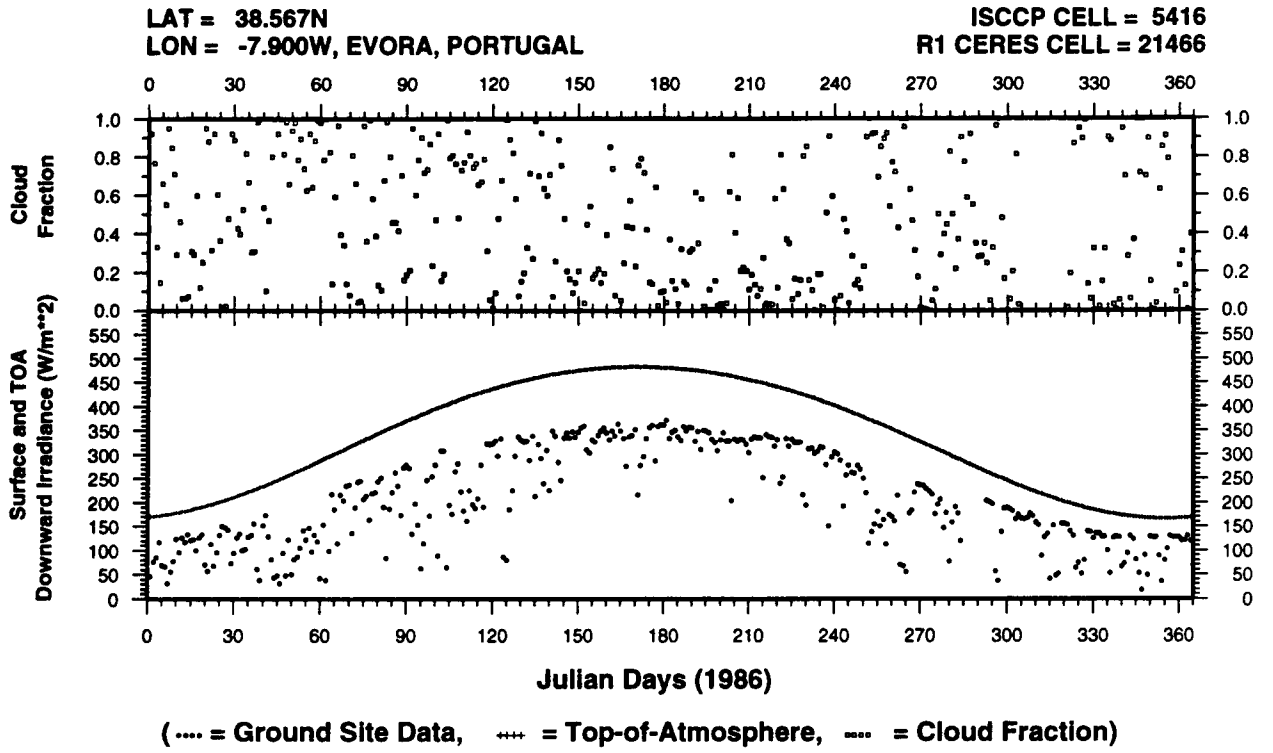


Figure C170. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EVORA, PORTUGAL.

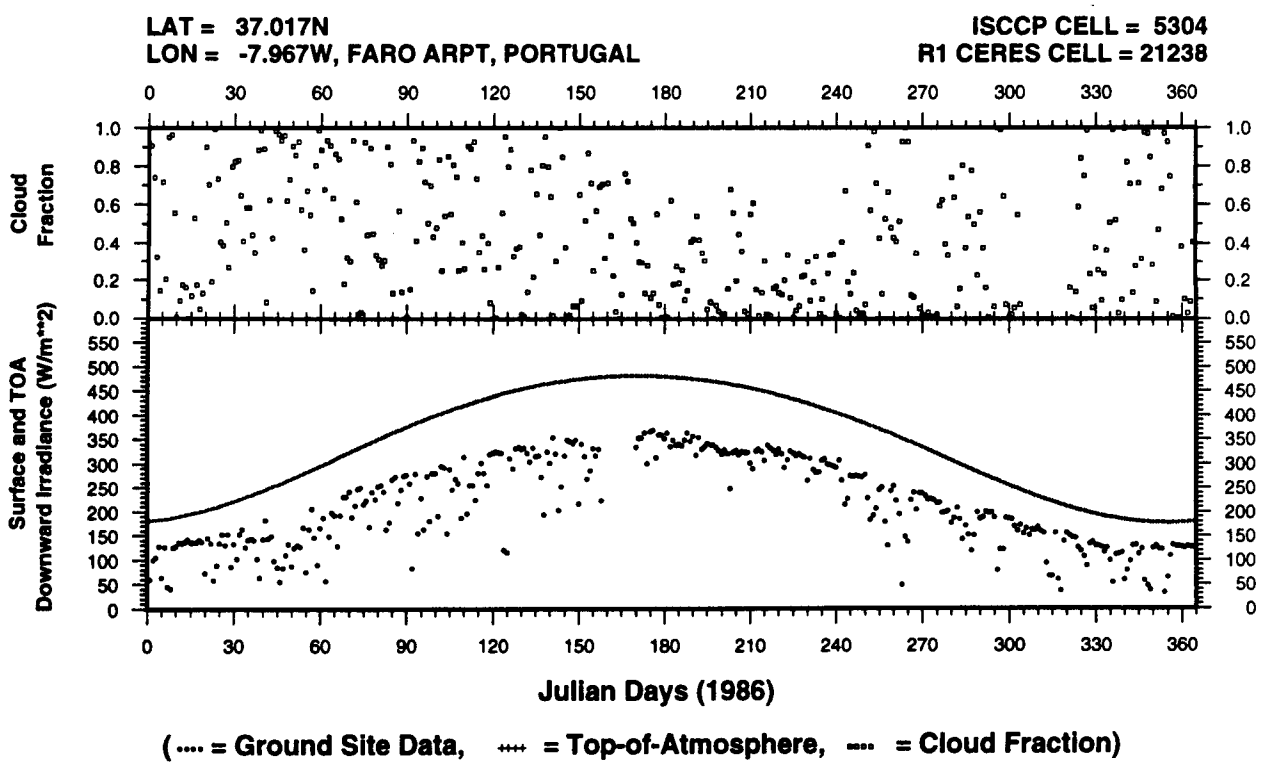
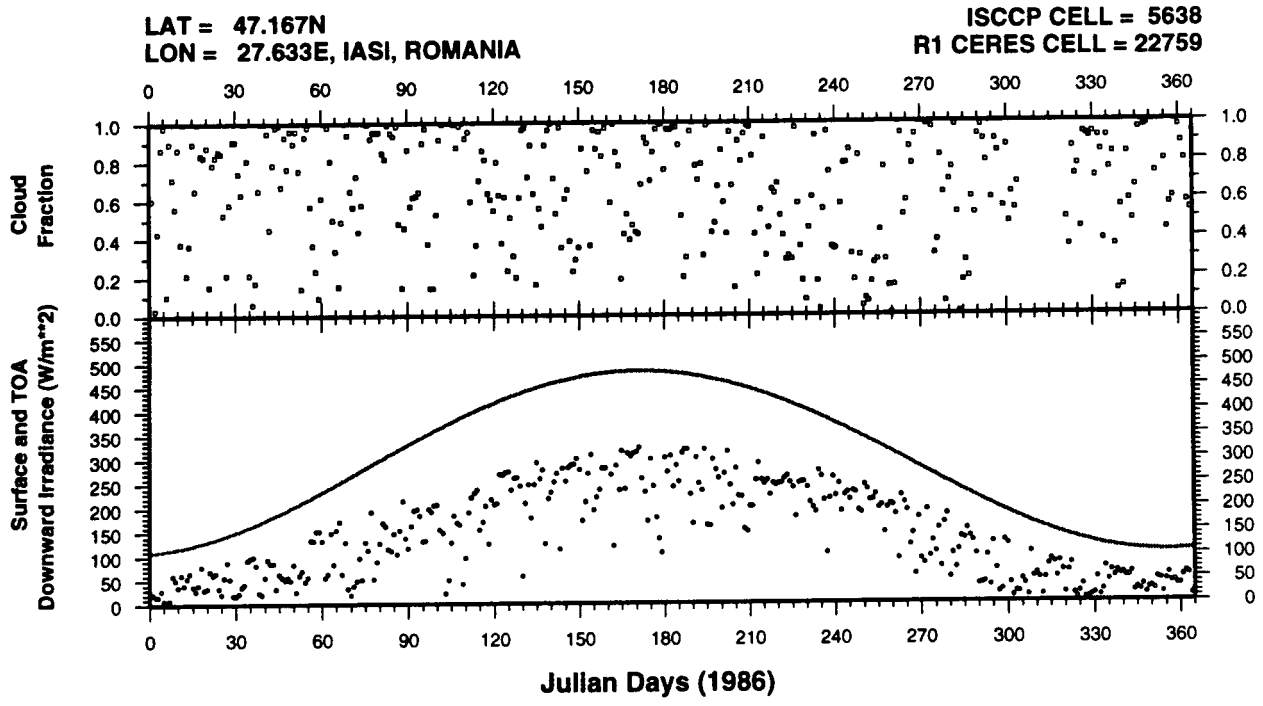
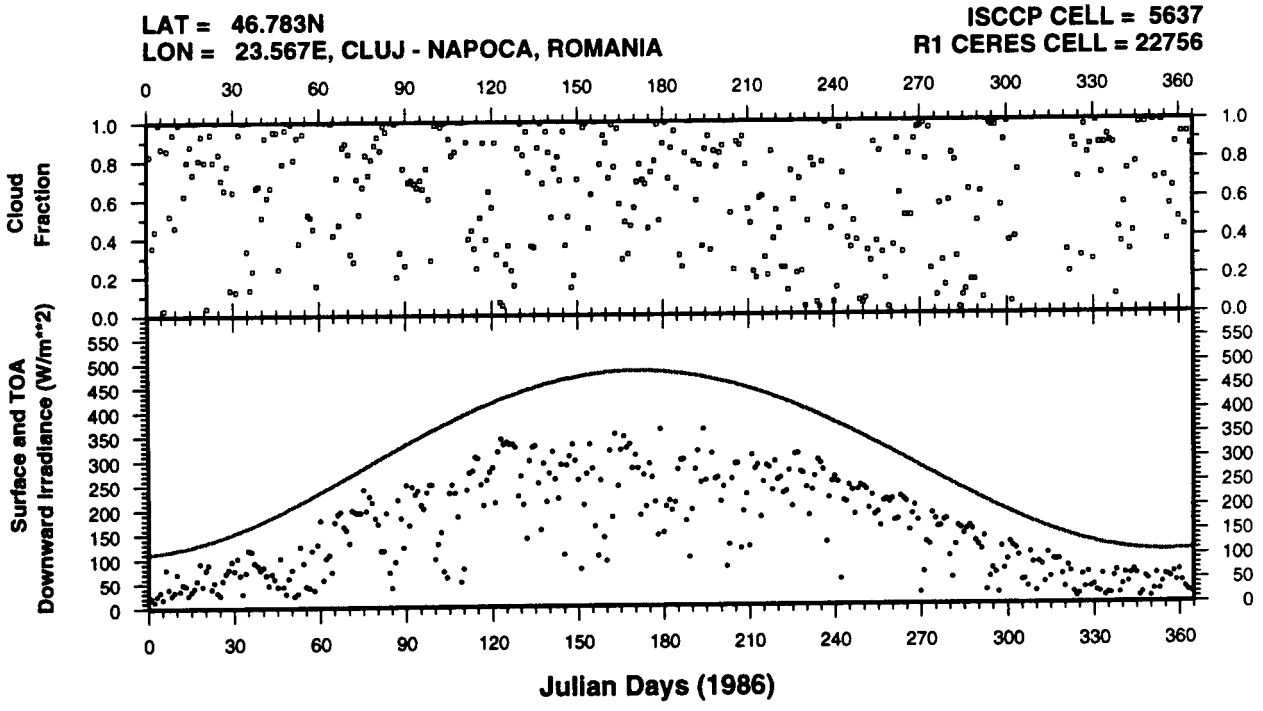


Figure C171. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FARO ARPT, PORTUGAL.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C172. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for IASI, ROMANIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C173. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CLUJ - NAPOCA, ROMANIA.

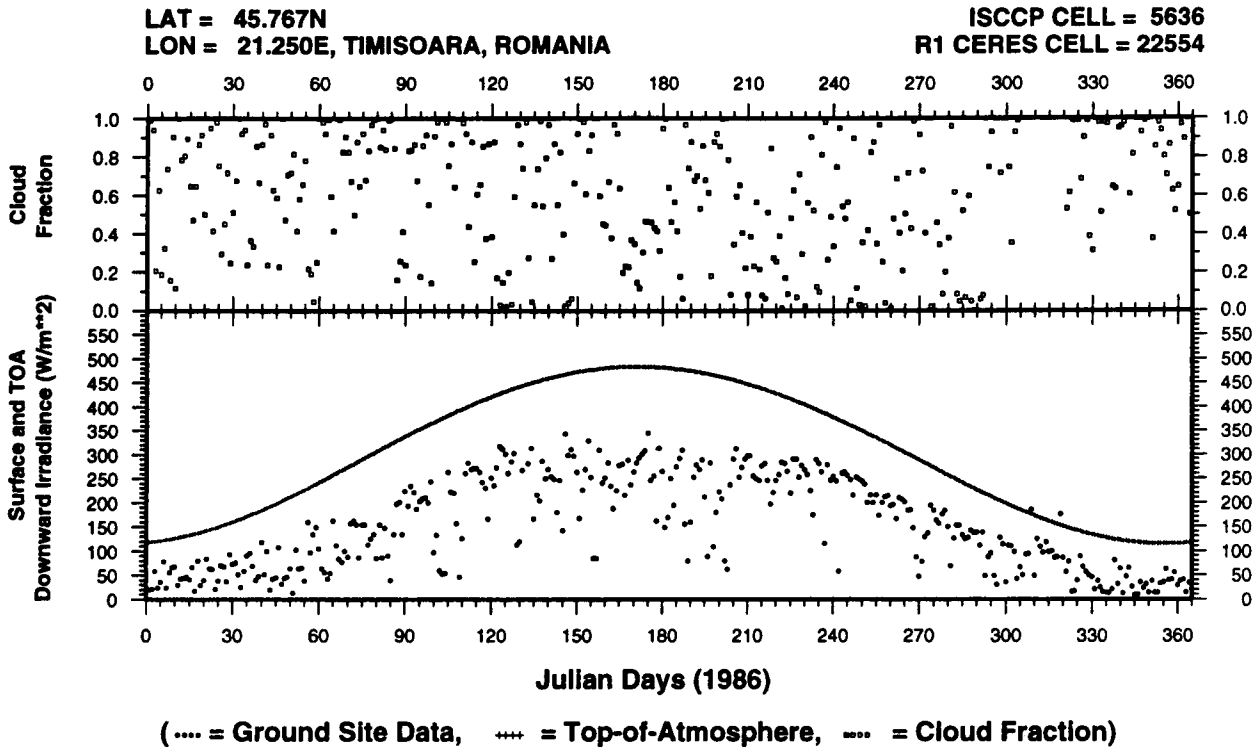


Figure C174. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TIMISOARA, ROMANIA.

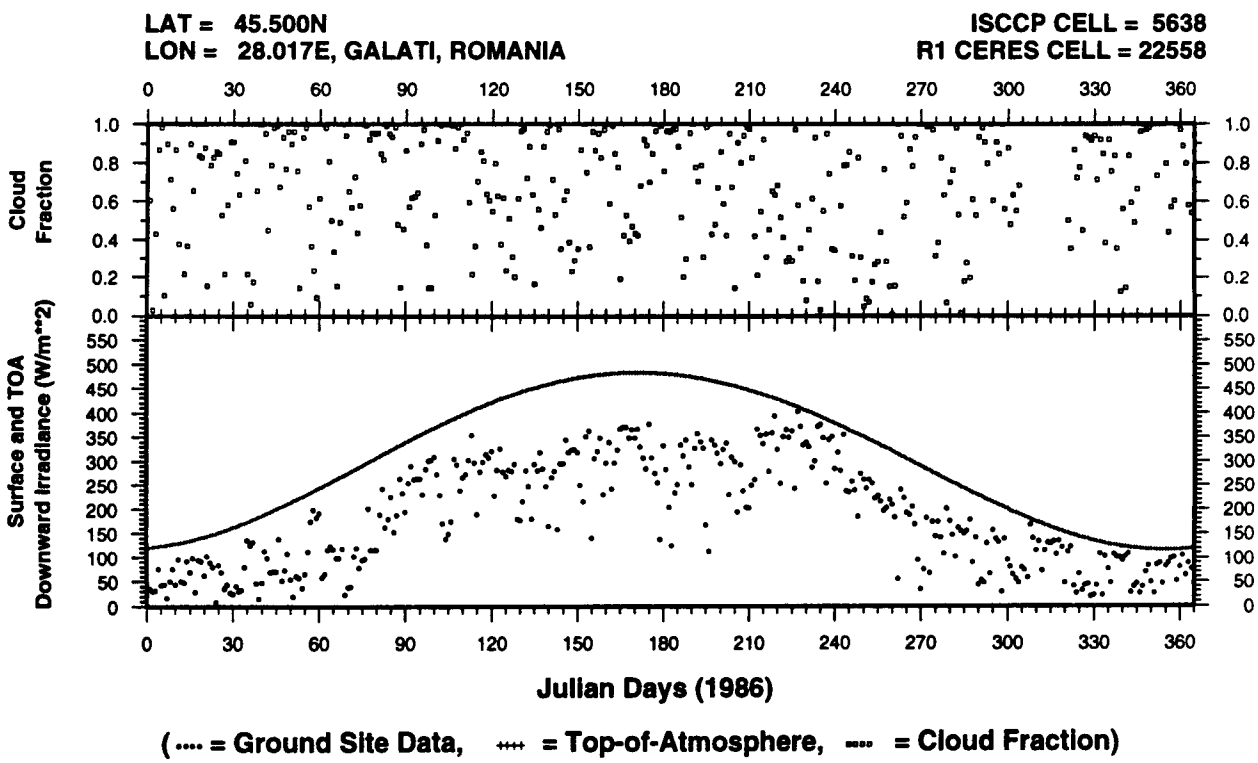
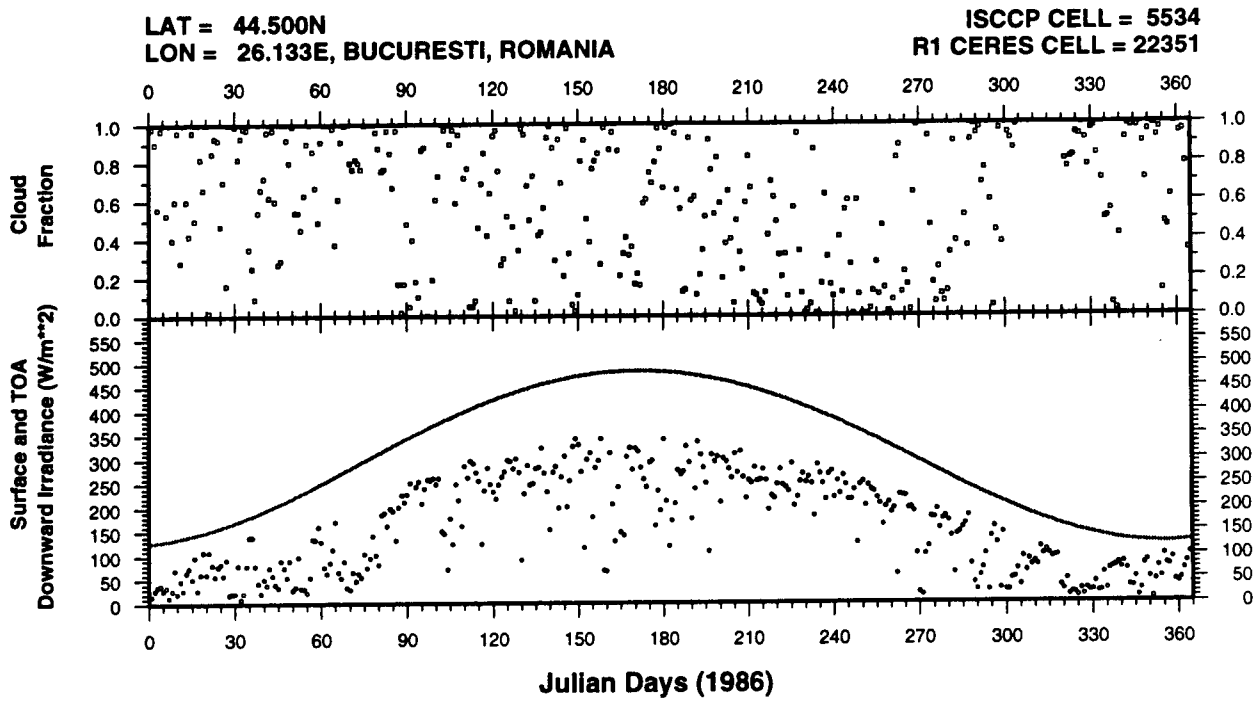
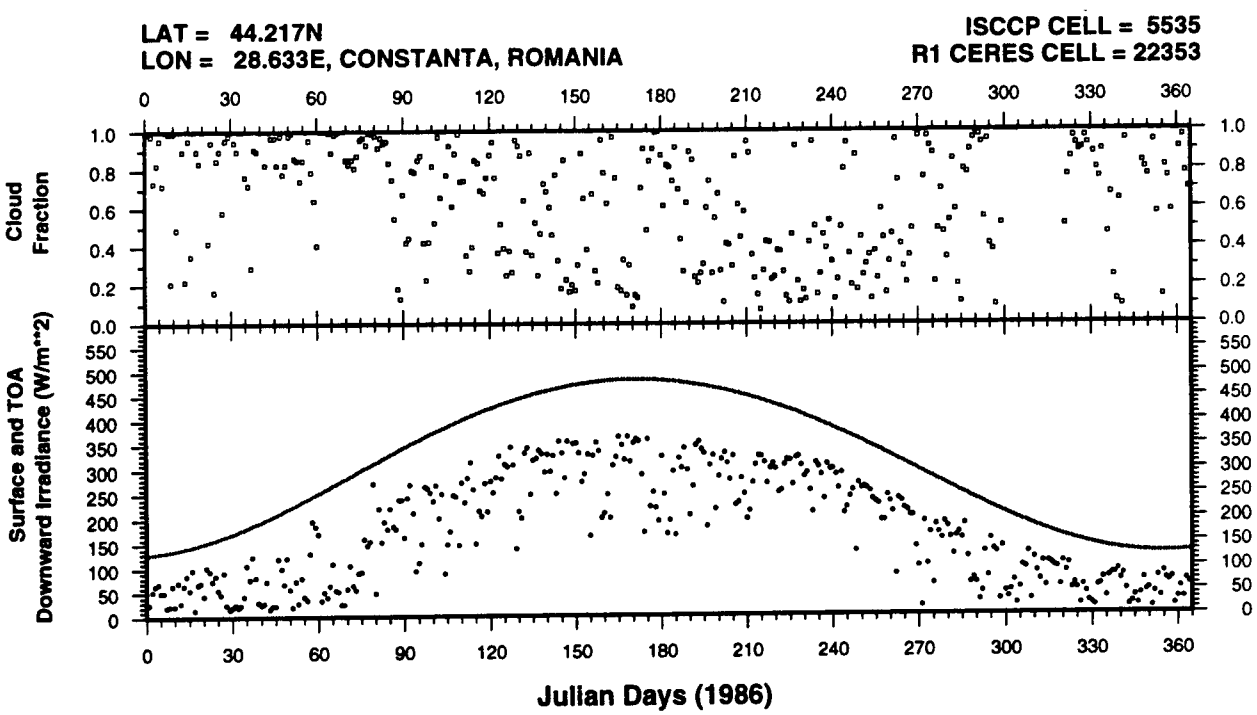


Figure C175. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GALATI, ROMANIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C176. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BUCURESTI, ROMANIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C177. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CONSTANTA, ROMANIA.

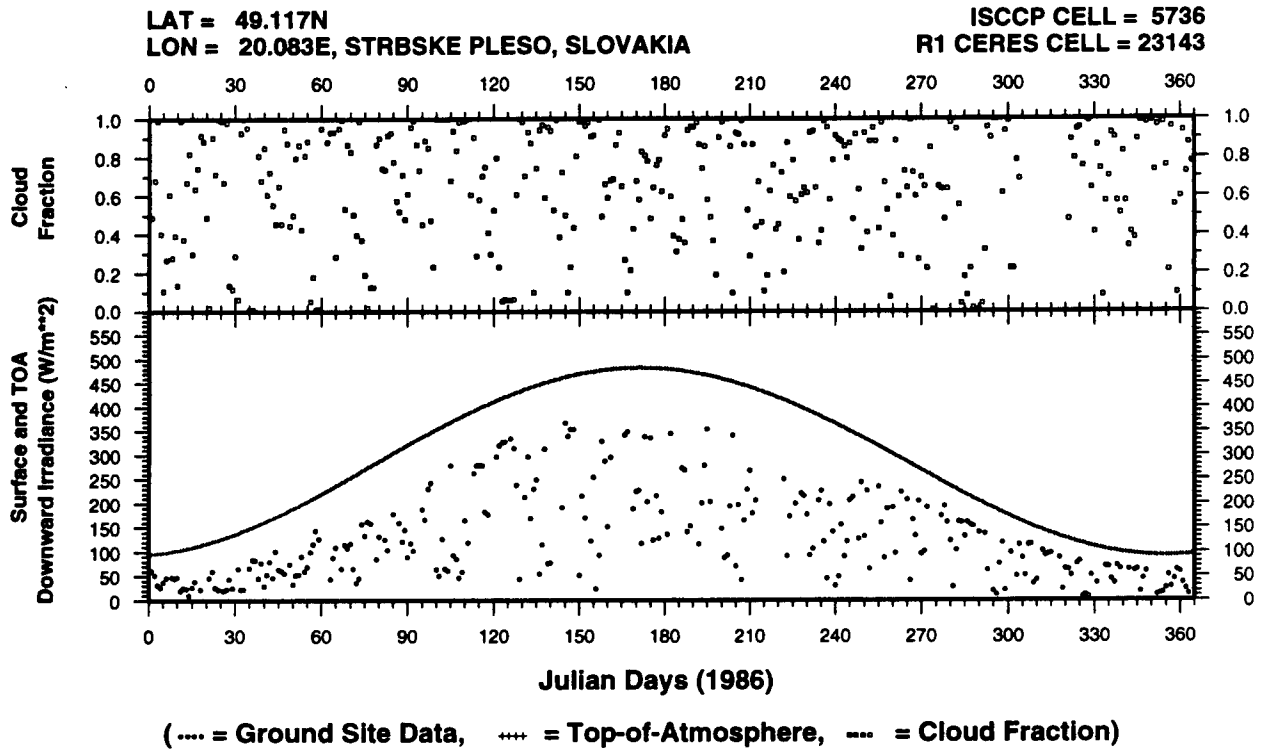


Figure C178. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for STRBSKE PLESO, SLOVAKIA.

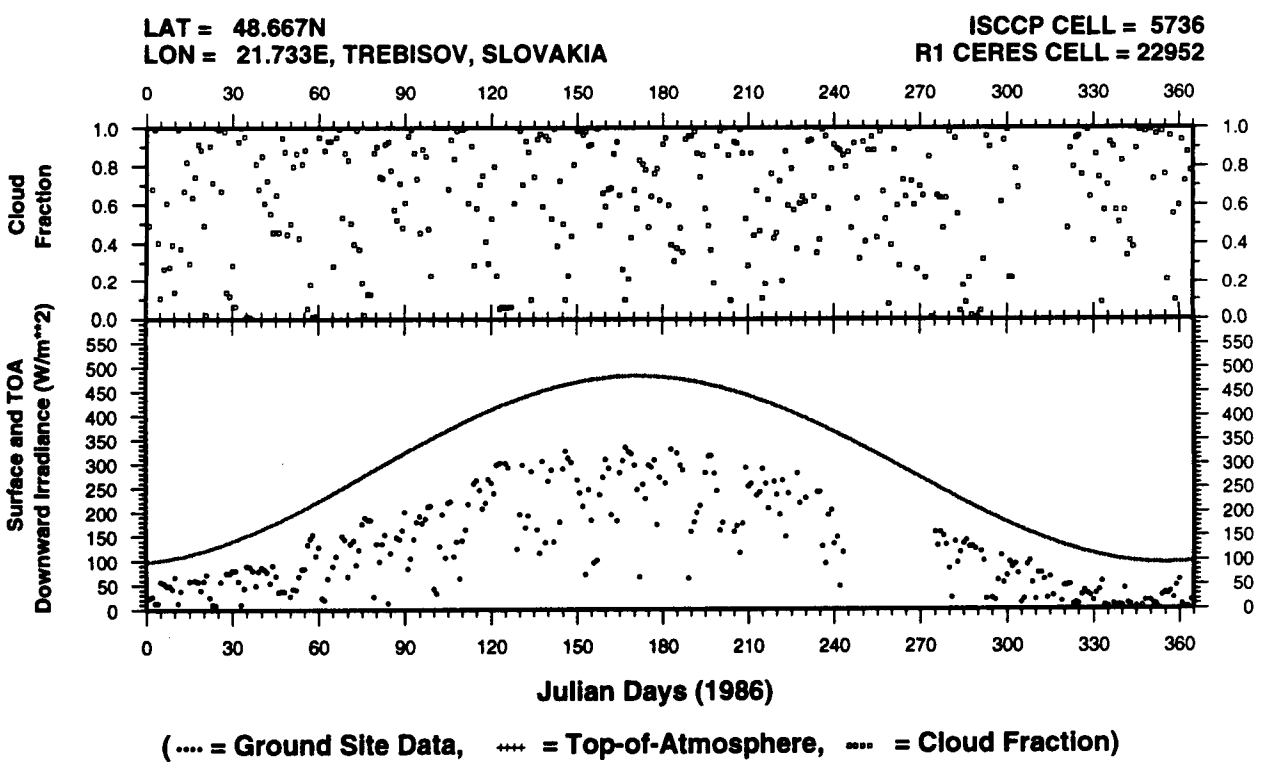


Figure C179. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TREBISOV, SLOVAKIA.

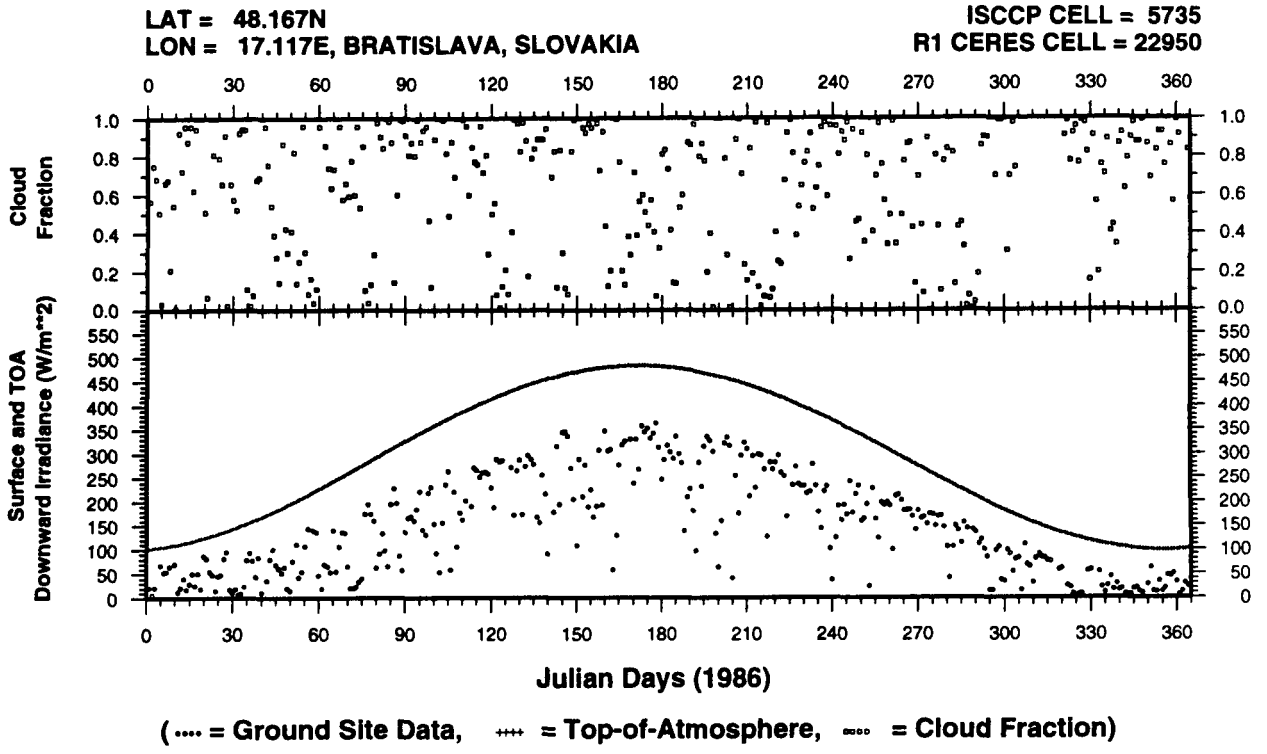


Figure C180. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRATISLAVA, SLOVAKIA.

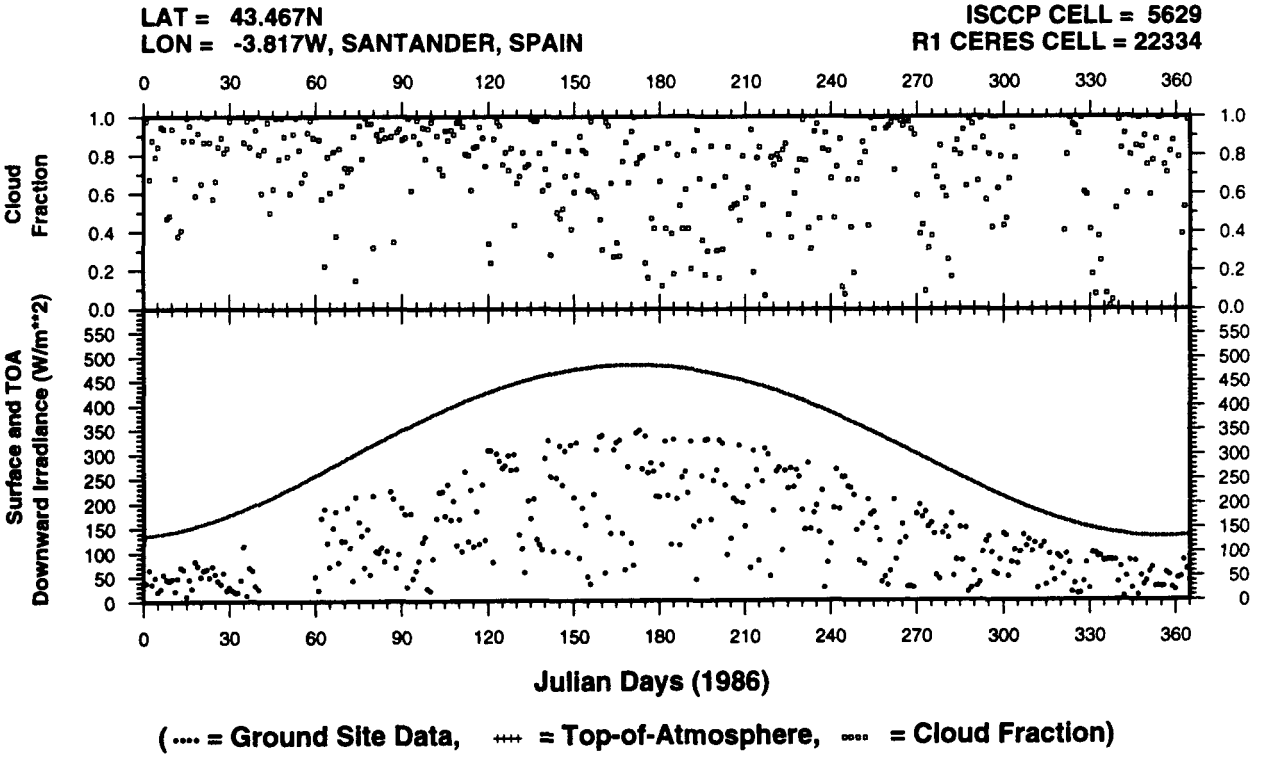
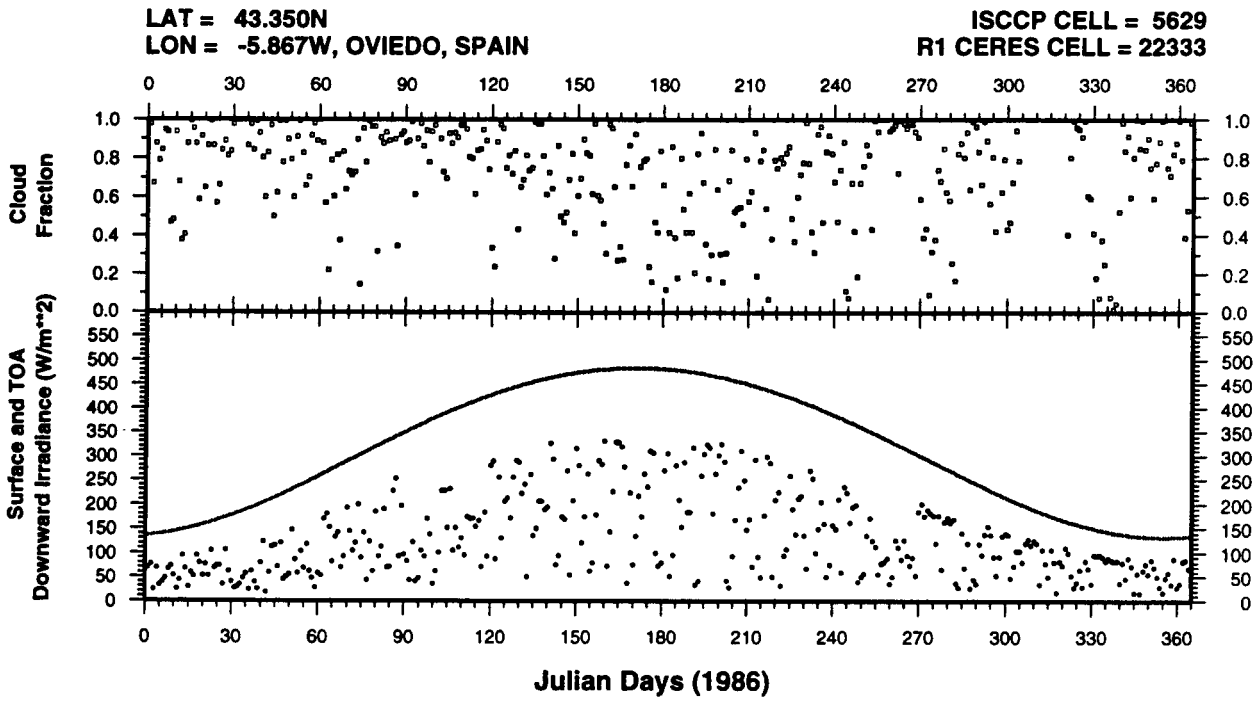
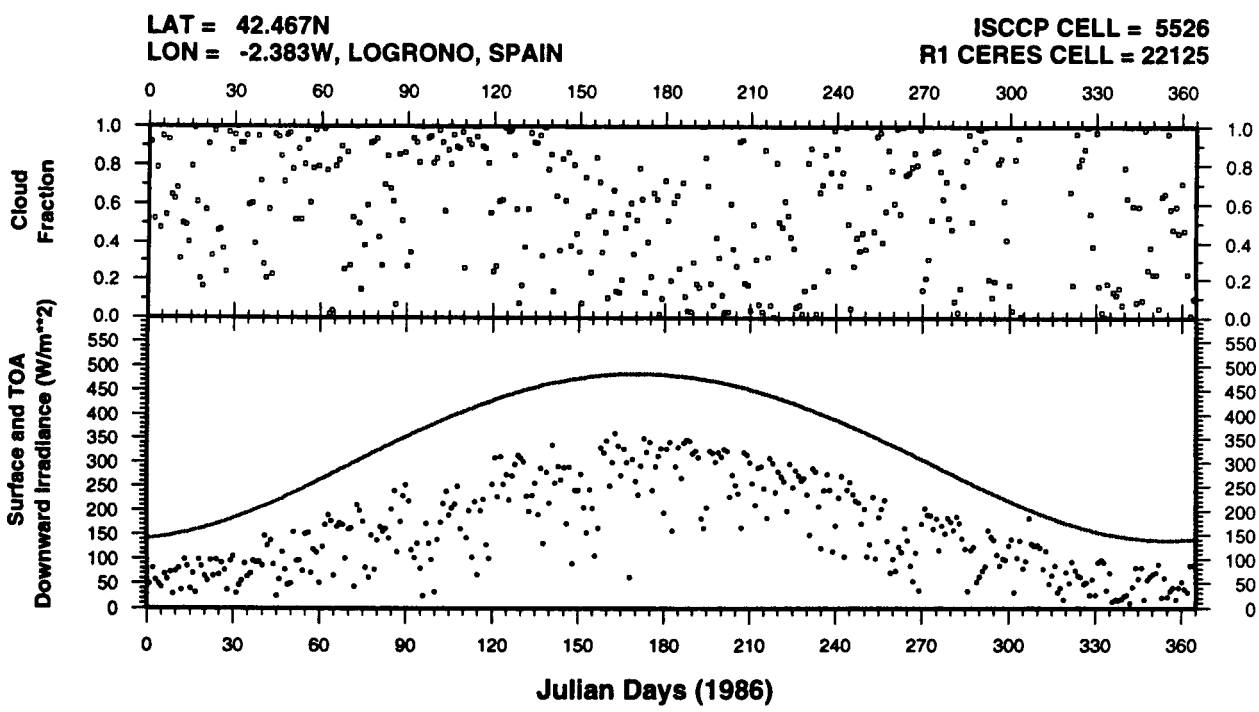


Figure C181. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SANTANDER, SPAIN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C182. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OVIEDO, SPAIN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C183. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LOGRONO, SPAIN.

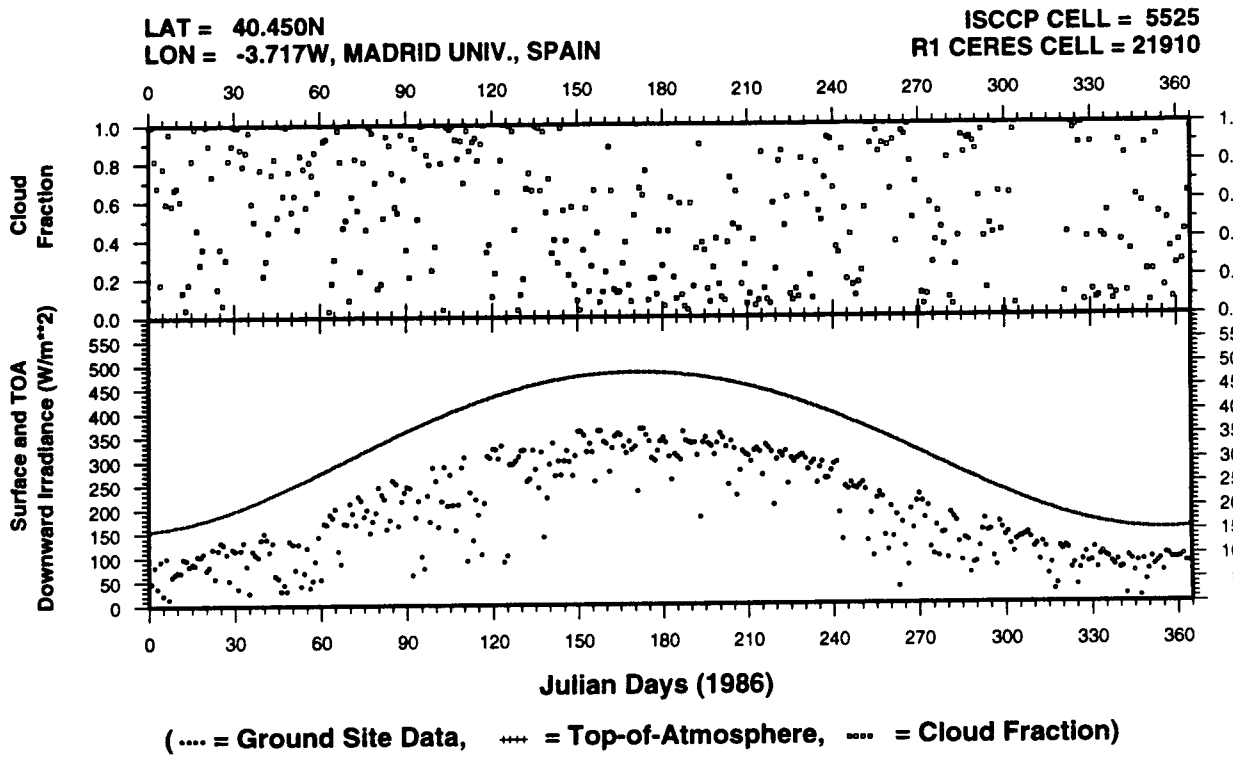


Figure C184. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MADRID UNIV., SPAIN.

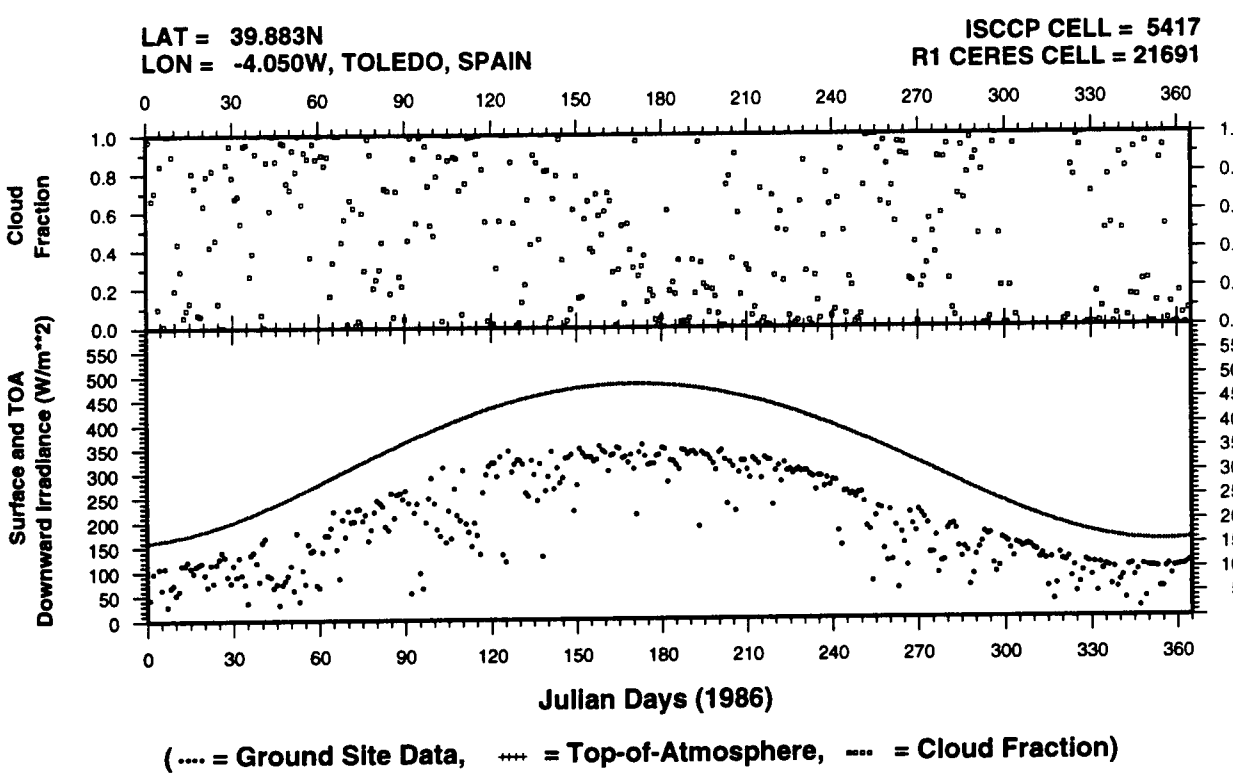
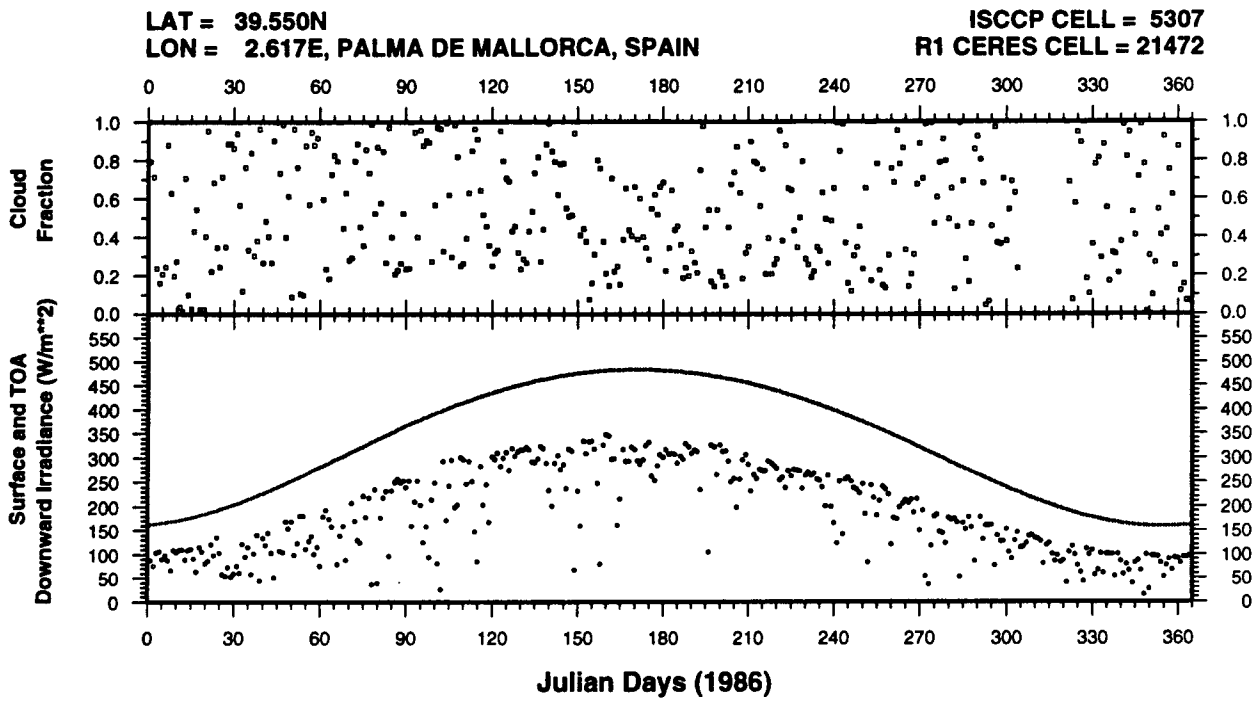
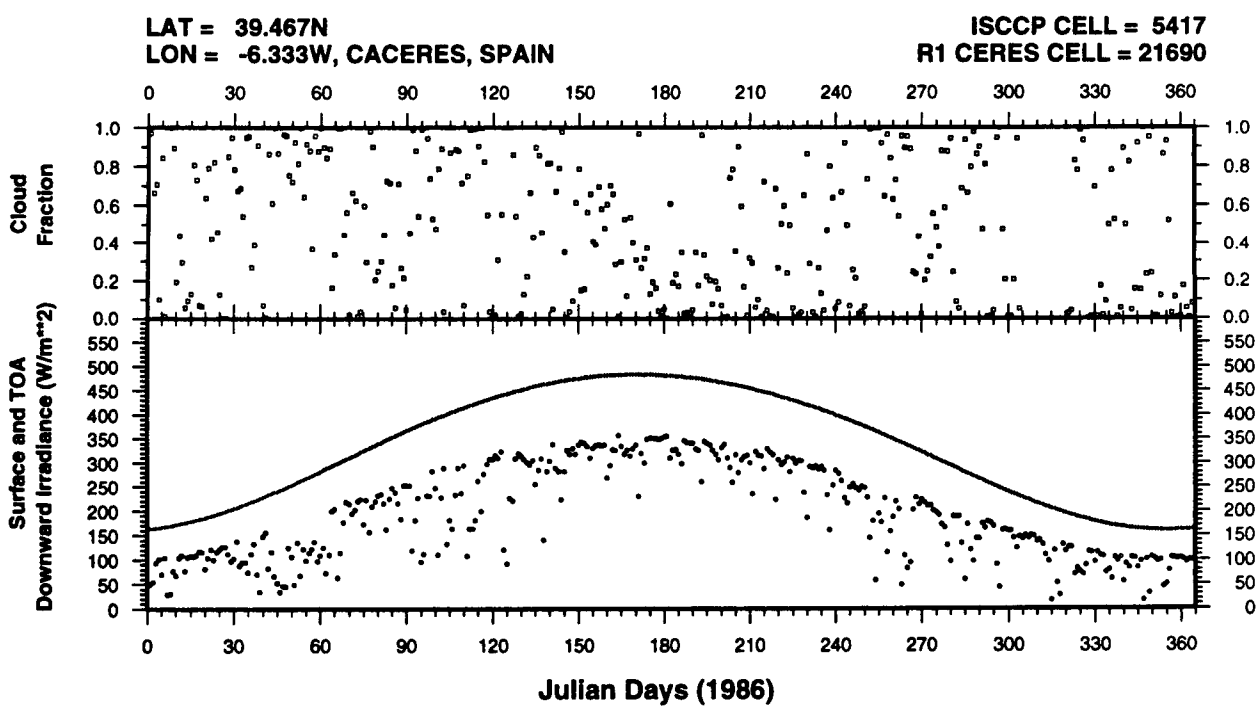


Figure C185. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TOLEDO, SPAIN.



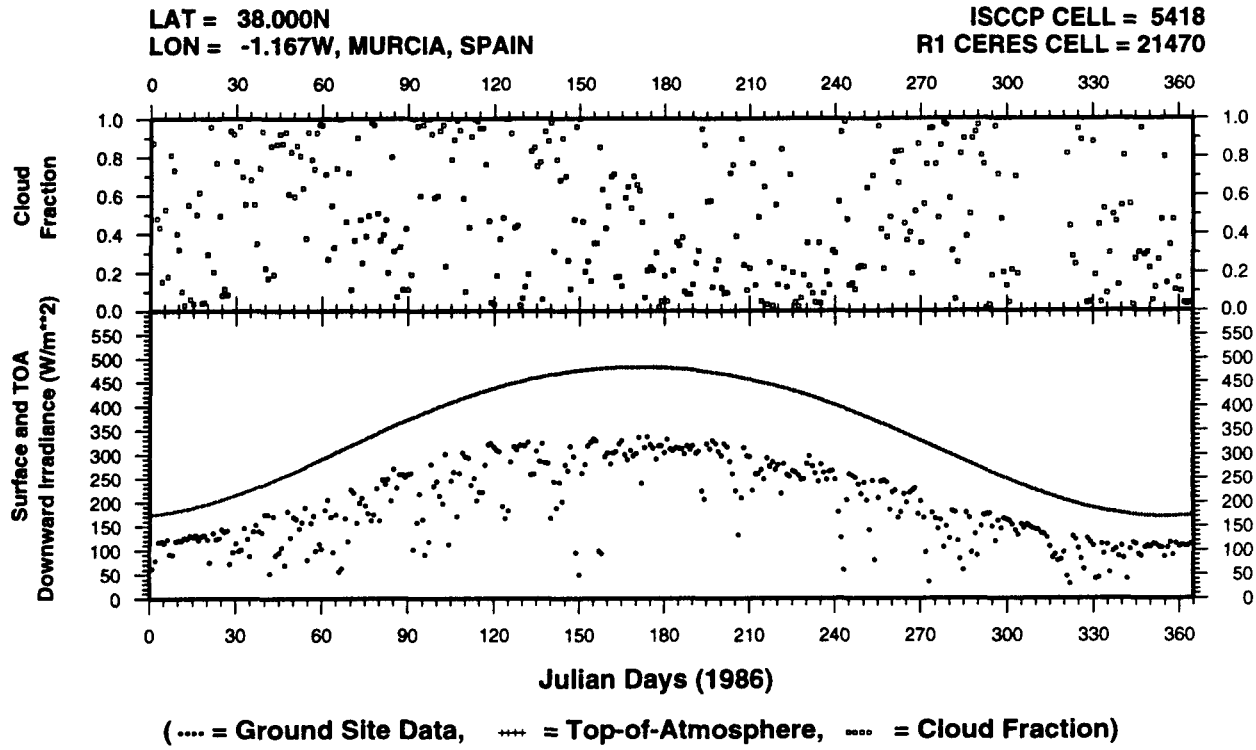
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C186. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PALMA DE MALLORCA, SPAIN.



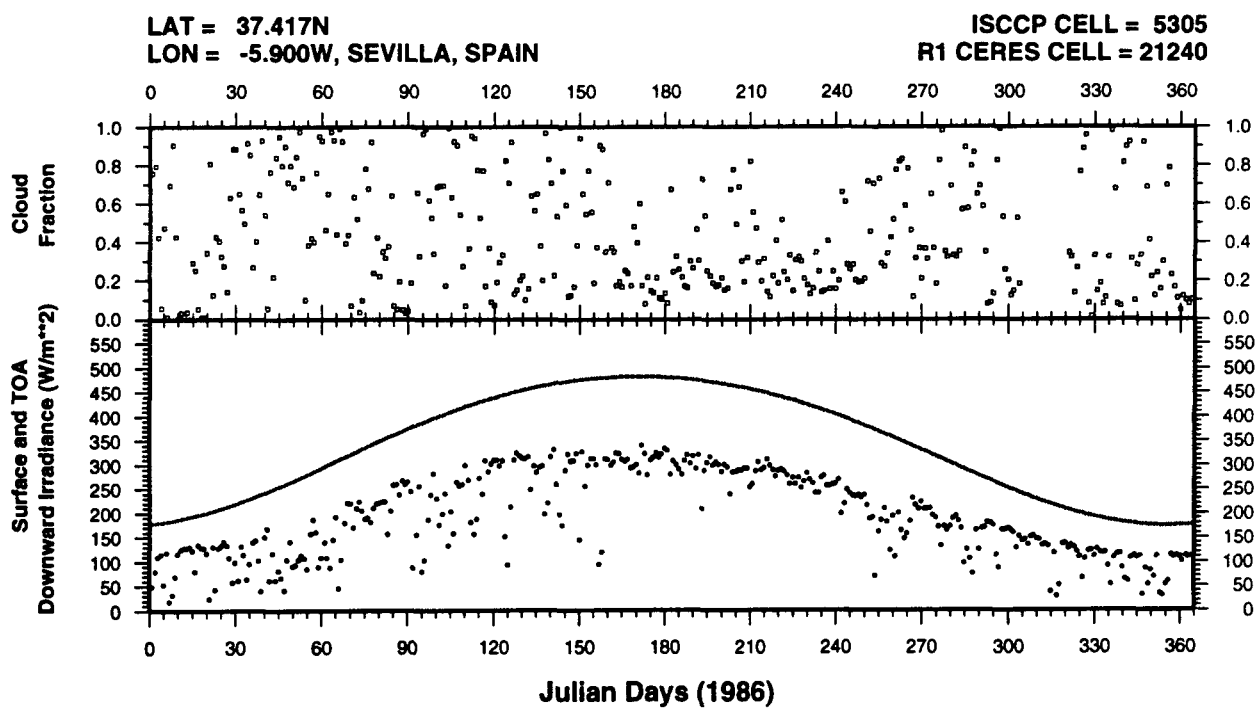
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C187. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CACERES, SPAIN.



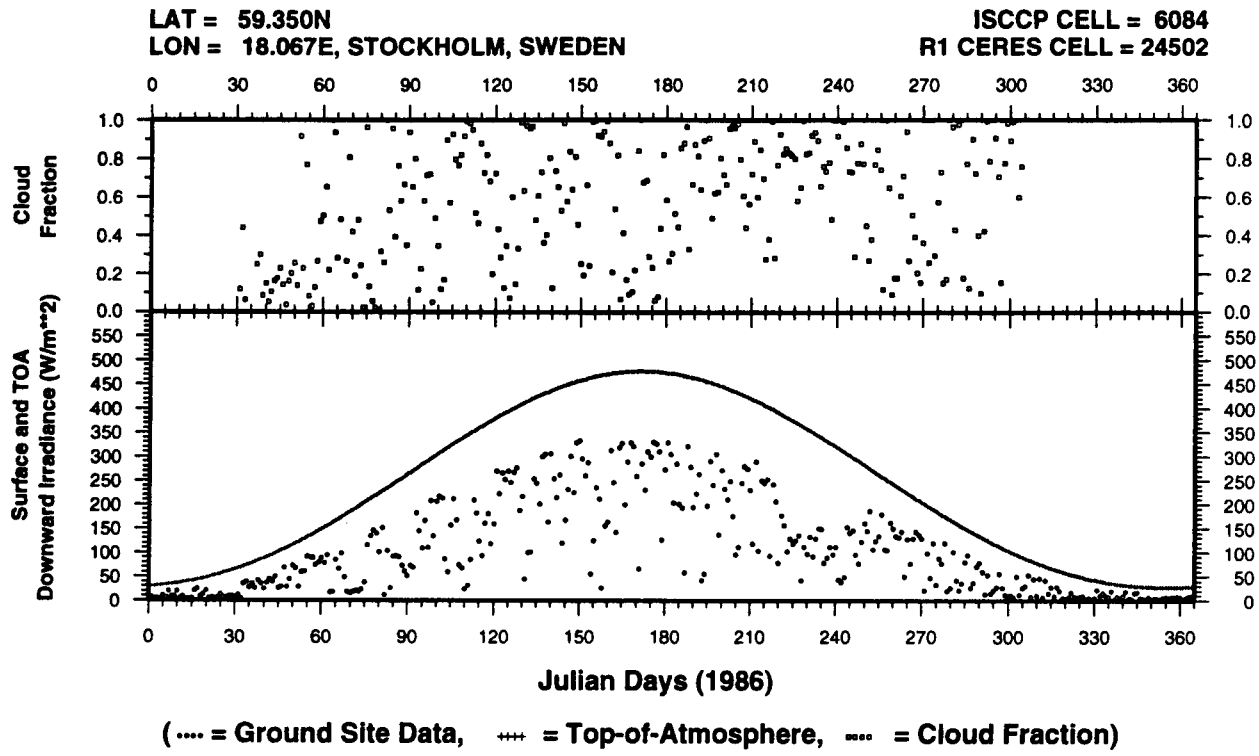
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C188. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MURCIA, SPAIN.



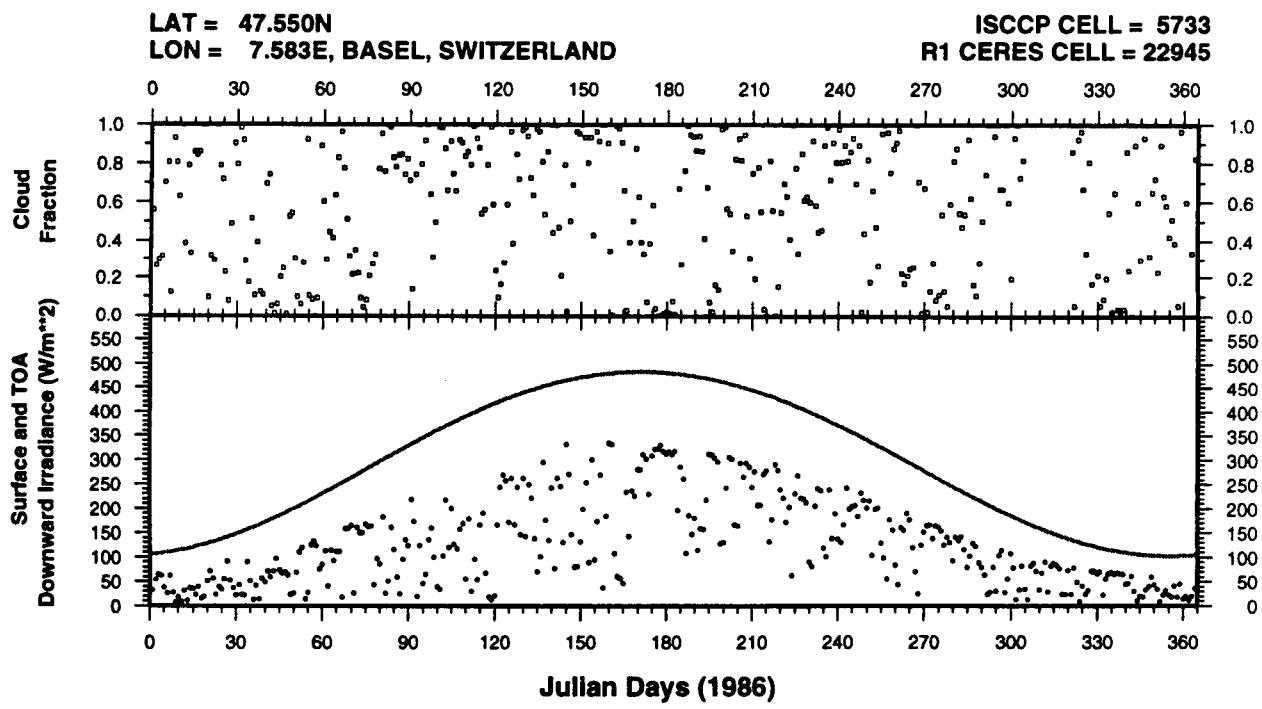
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C189. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SEVILLA, SPAIN.



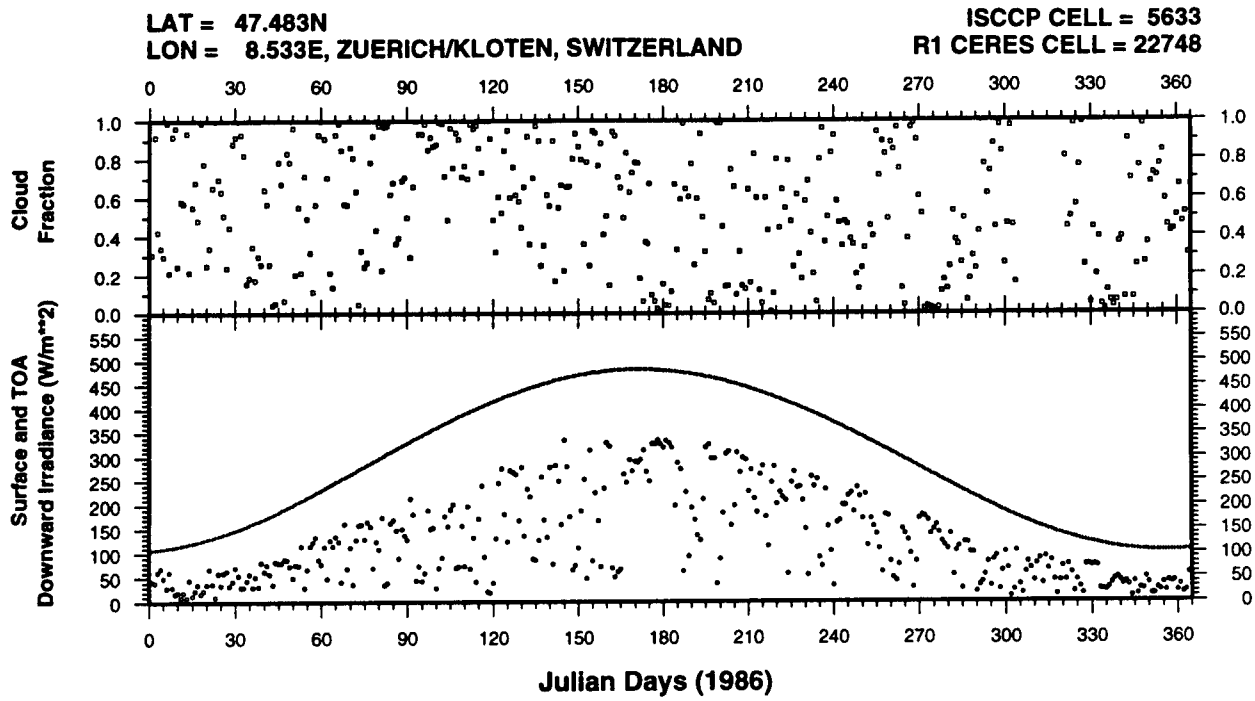
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C190. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for STOCKHOLM, SWEDEN.



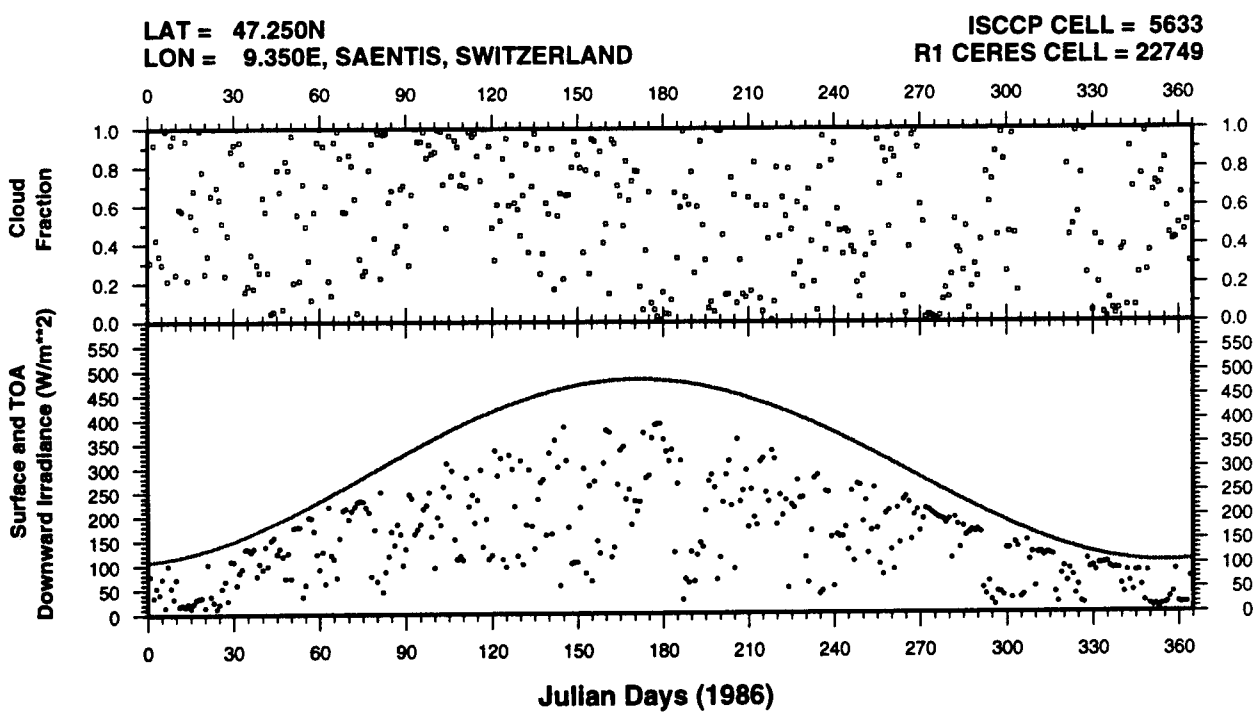
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C191. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BASEL, SWITZERLAND.



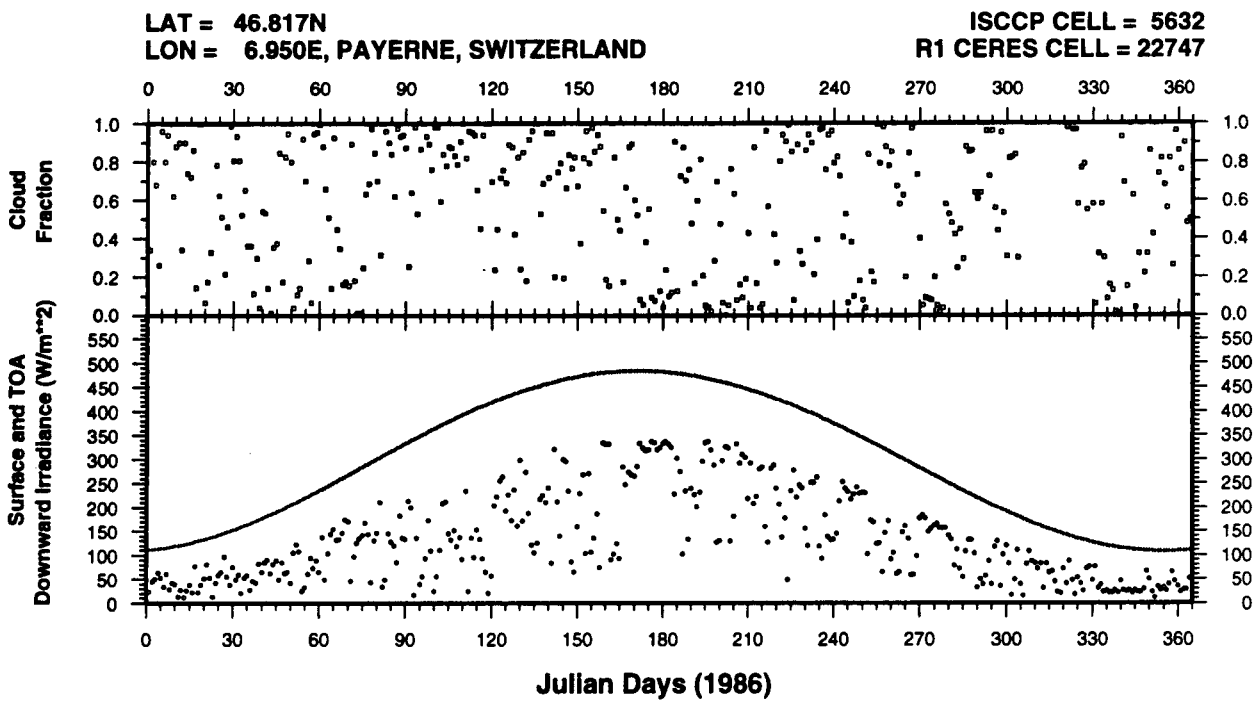
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C192. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ZUERICH/KLOTEN, SWITZERLAND.



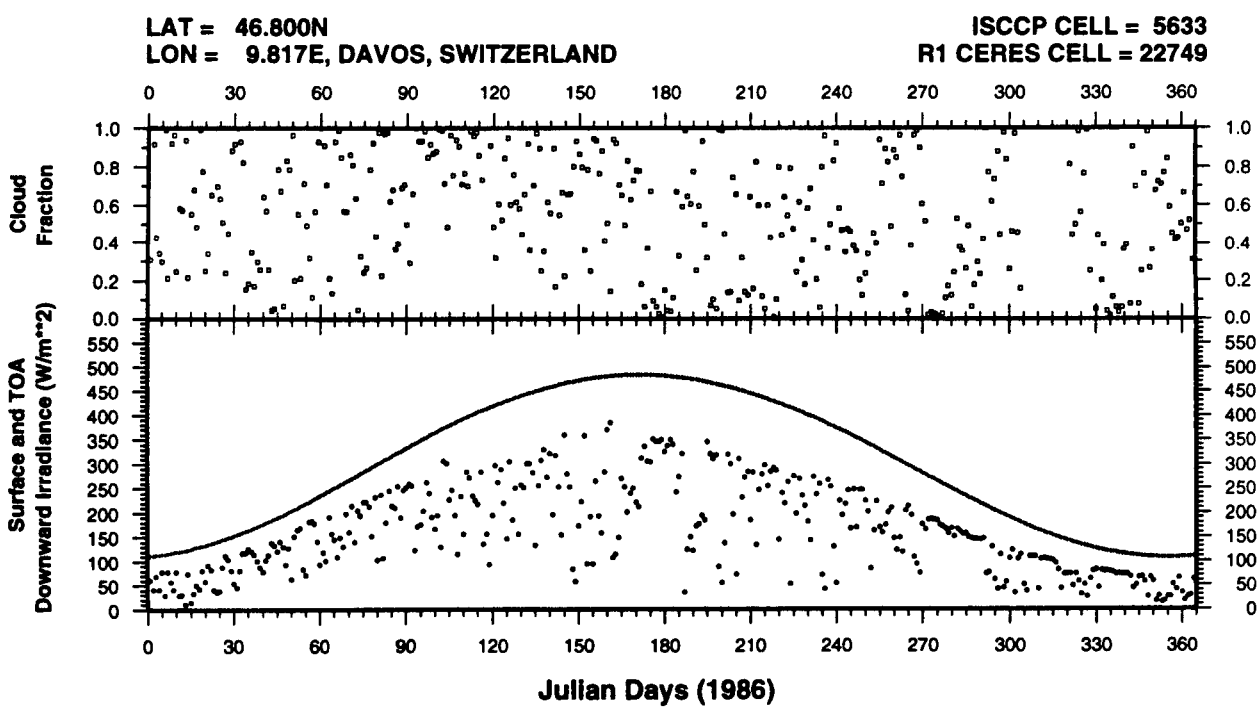
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C193. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SAENTIS, SWITZERLAND.



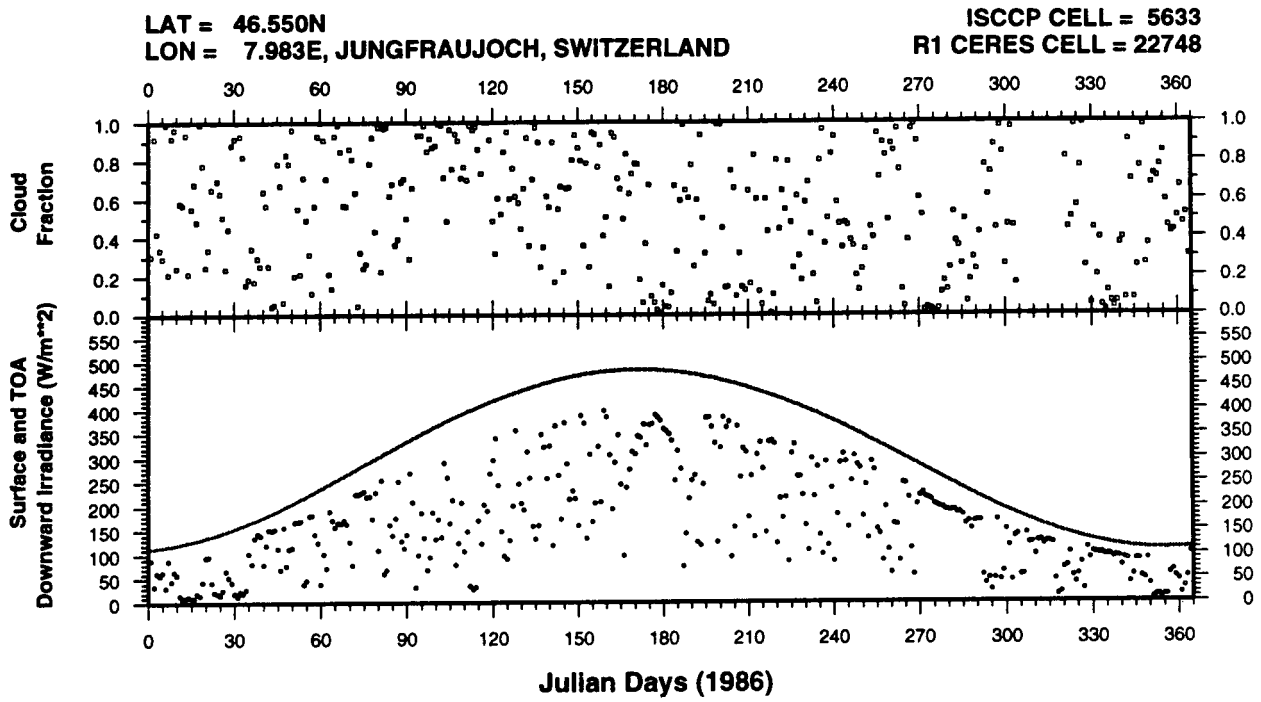
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C194. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PAYERNE, SWITZERLAND.



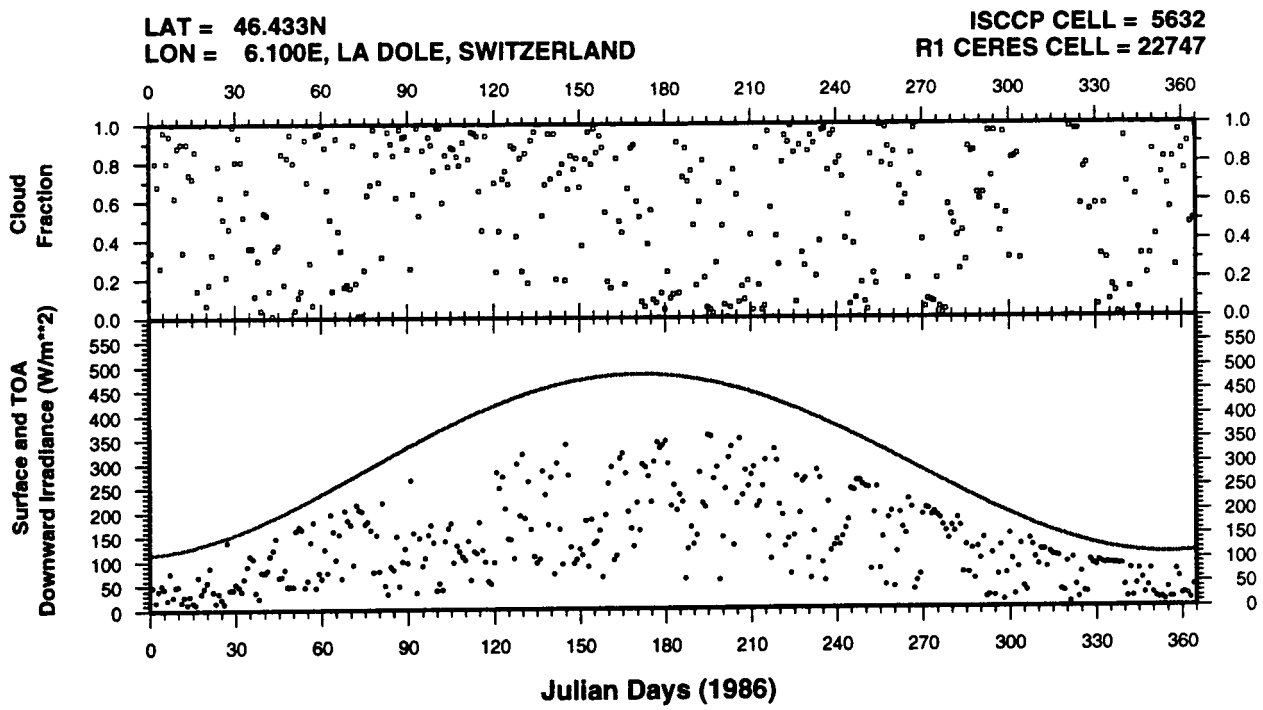
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C195. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DAVOS, SWITZERLAND.



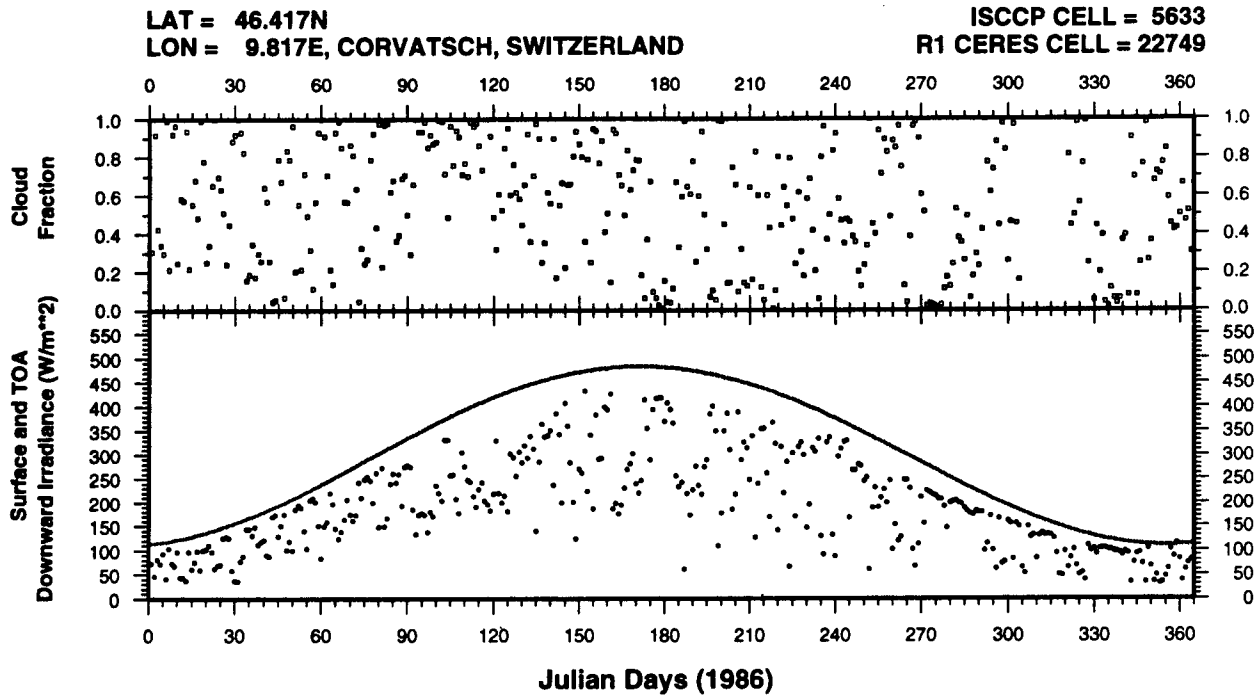
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C196. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for JUNGFRAUJOCH, SWITZERLAND.



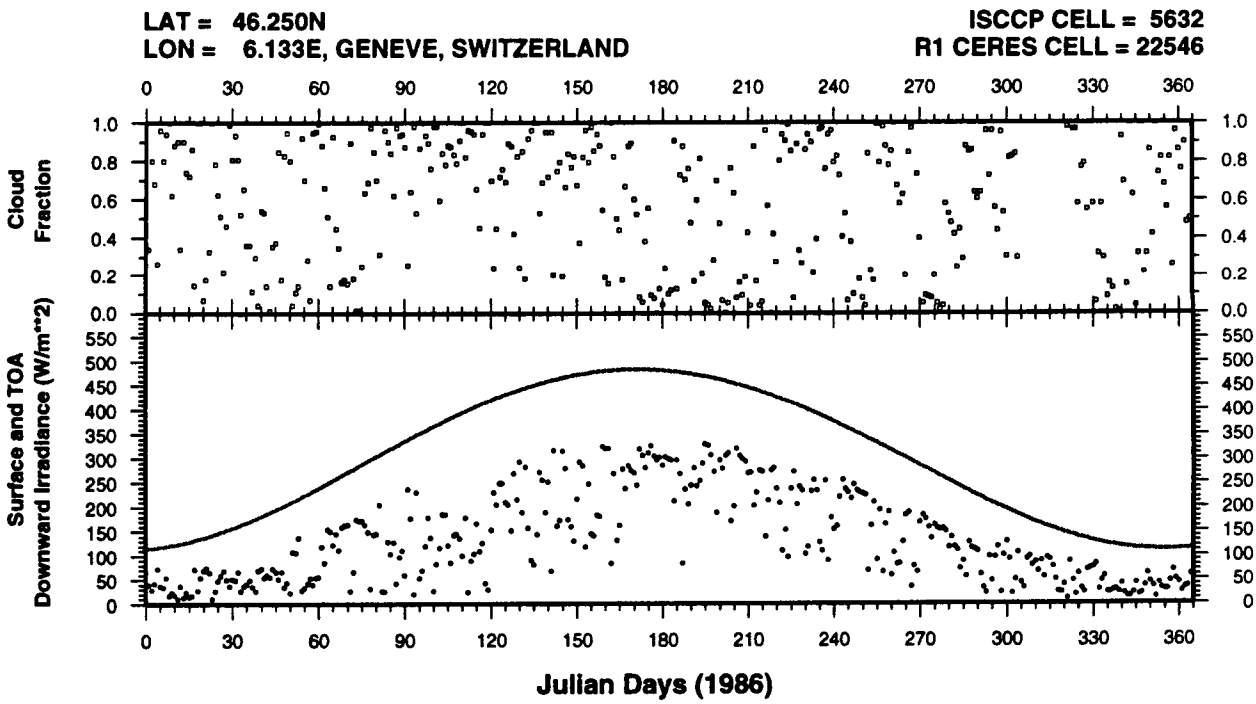
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C197. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LA DOLE, SWITZERLAND.



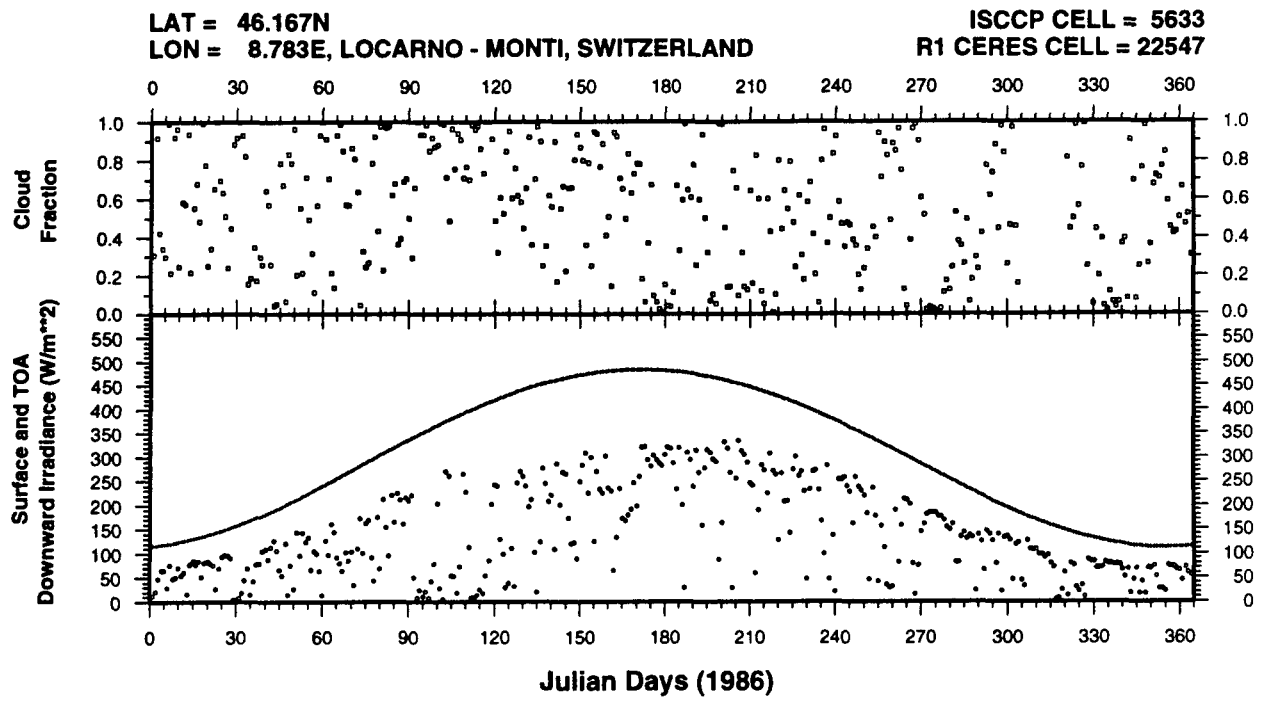
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C198. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CORVATSCH, SWITZERLAND.



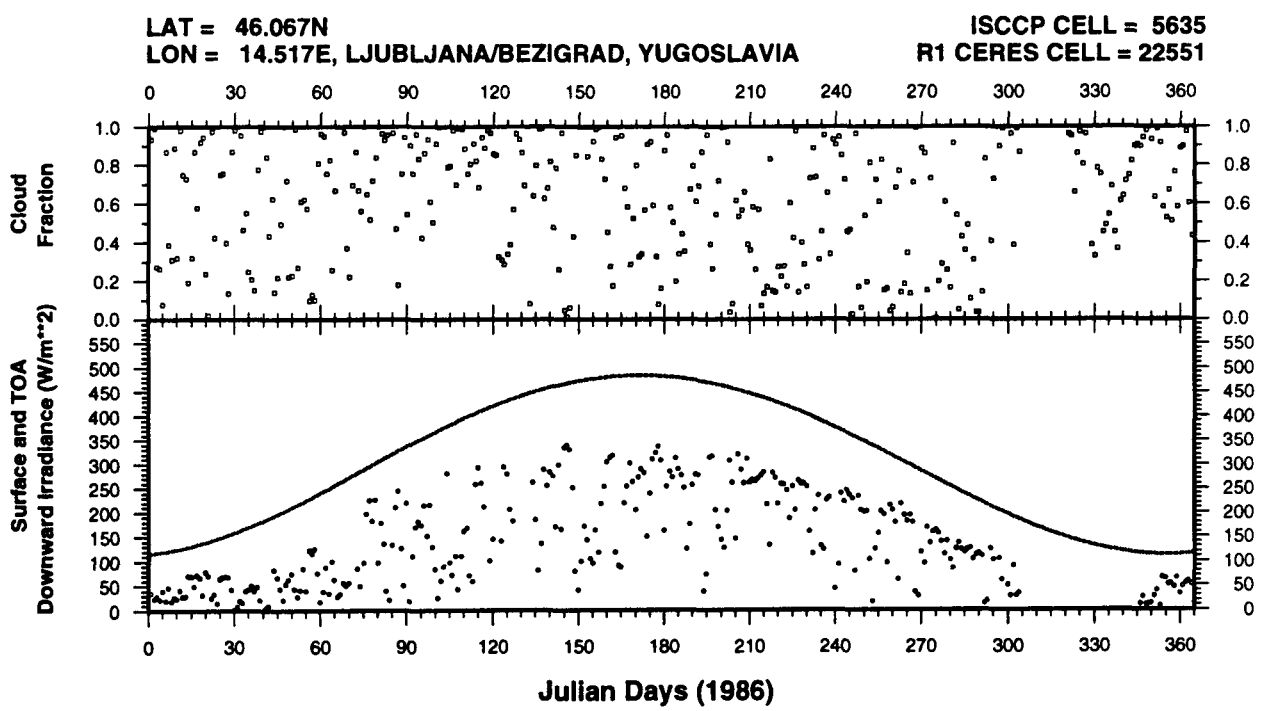
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C199. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GENEVE, SWITZERLAND.



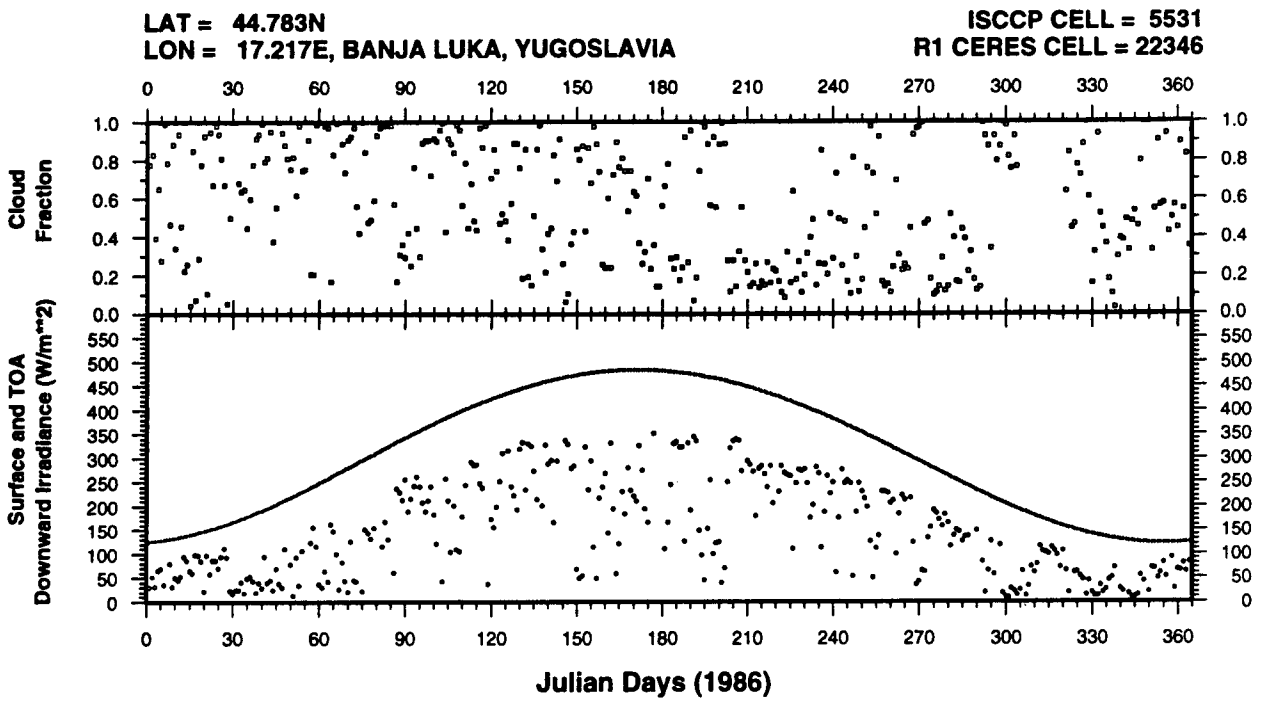
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C200. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LOCARNO - MONTI, SWITZERLAND.



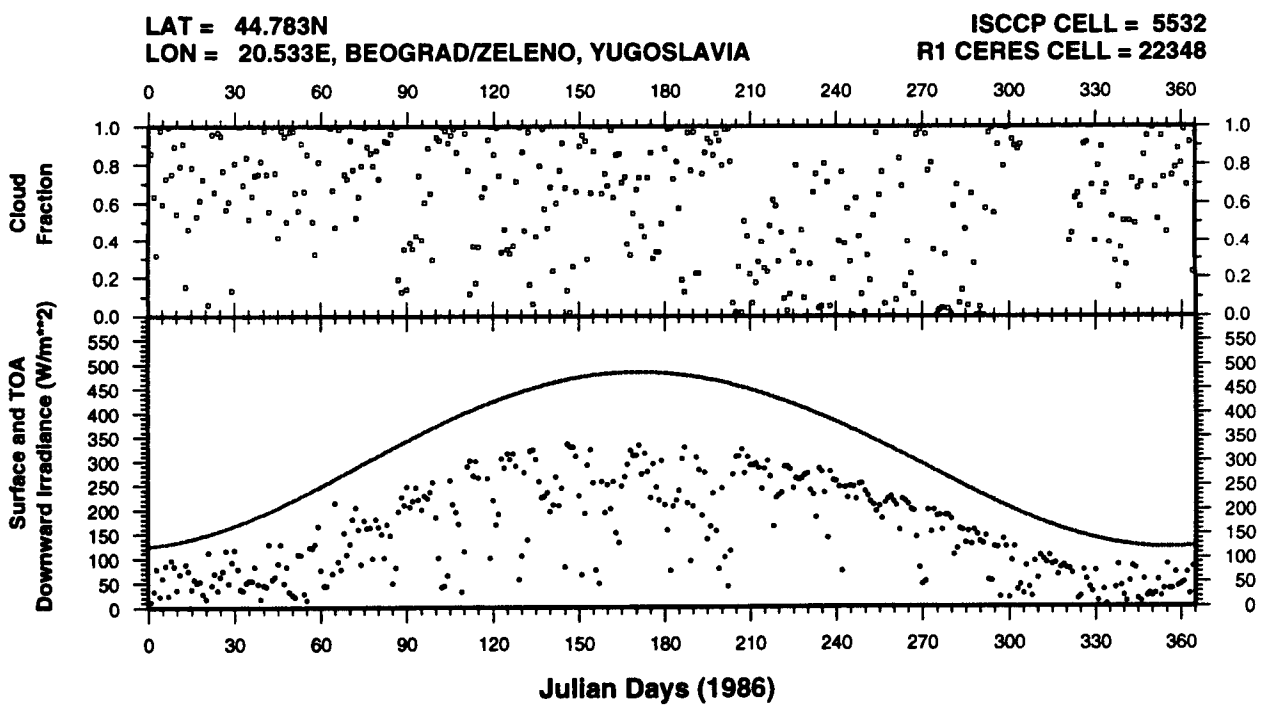
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C201. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LJUBLJANA/BEZIGRAD, YUGOSLAVIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C202. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BANJA LUKA, YUGOSLAVIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C203. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BEOGRAD/ZELENO, YUGOSLAVIA.

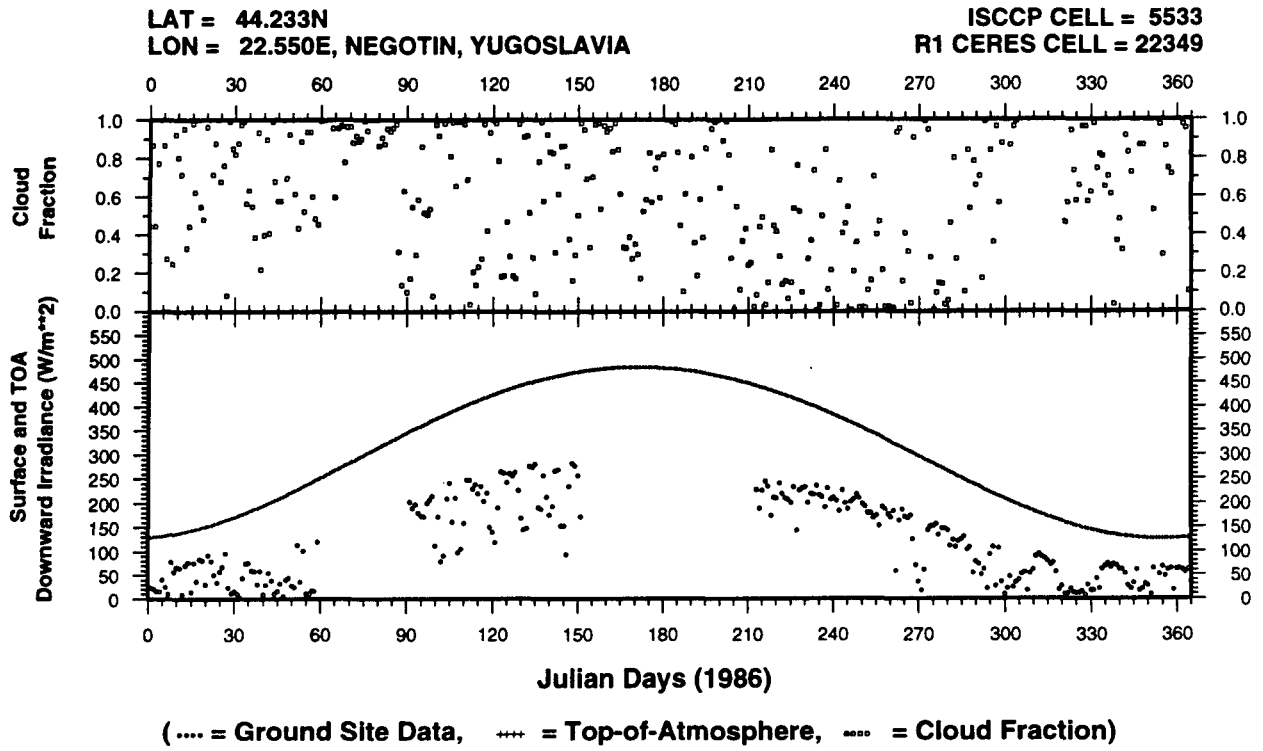


Figure C204. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NEGOTIN, YUGOSLAVIA.

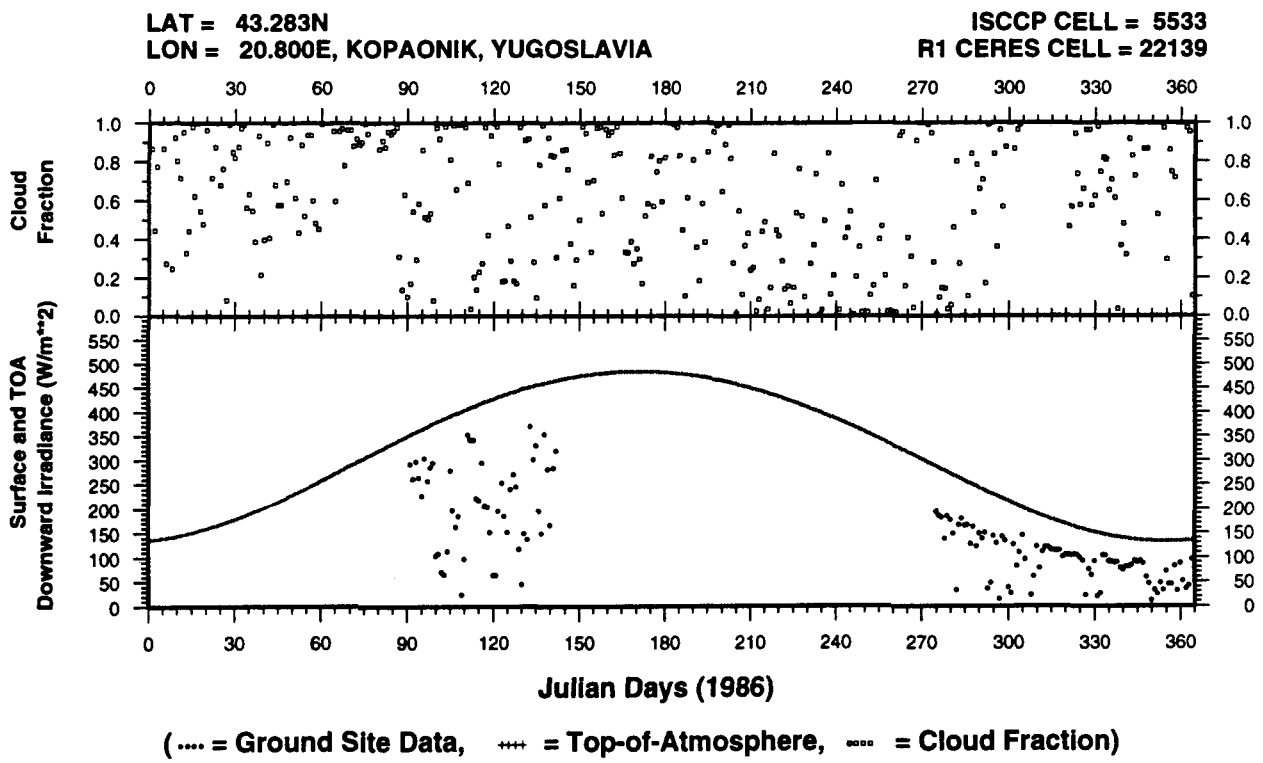
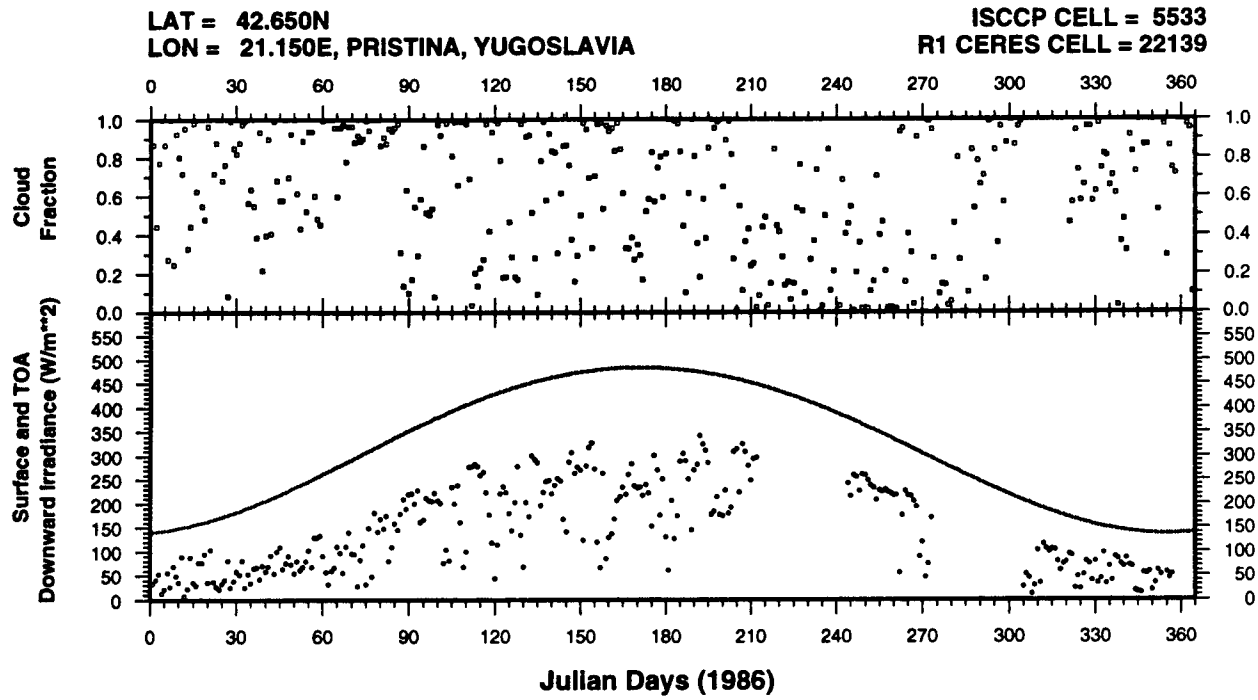
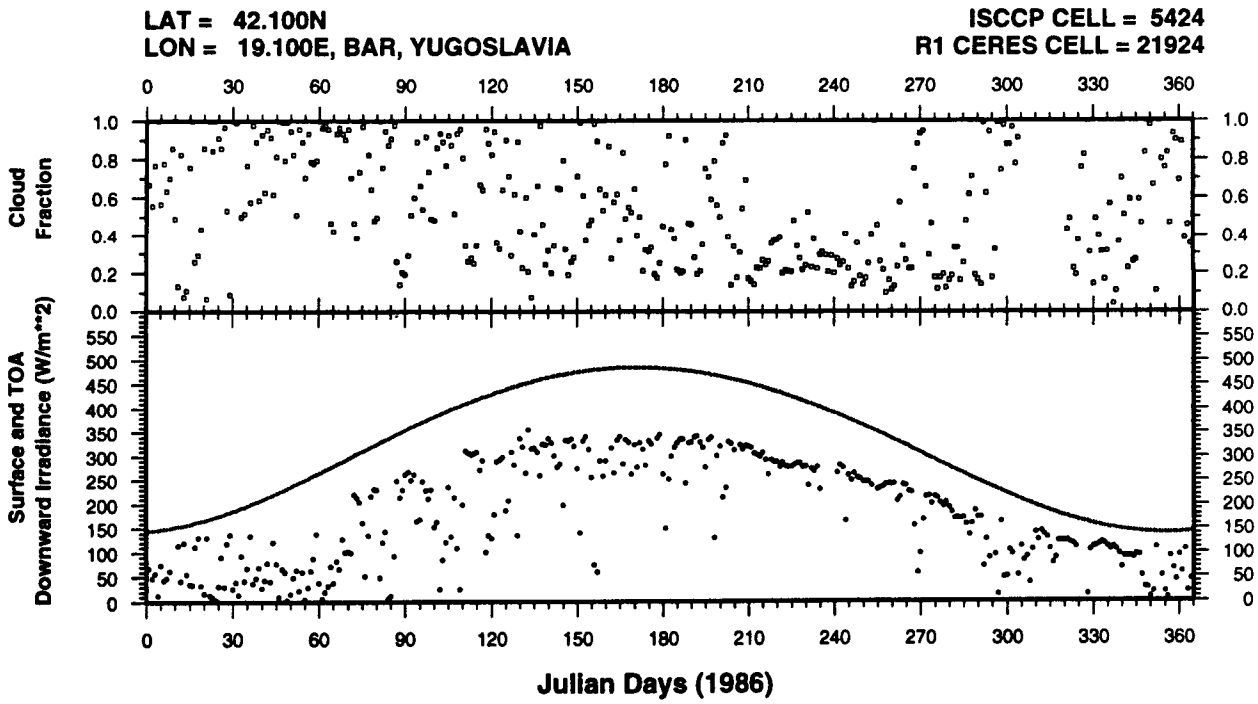


Figure C205. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KOPAONIK, YUGOSLAVIA.



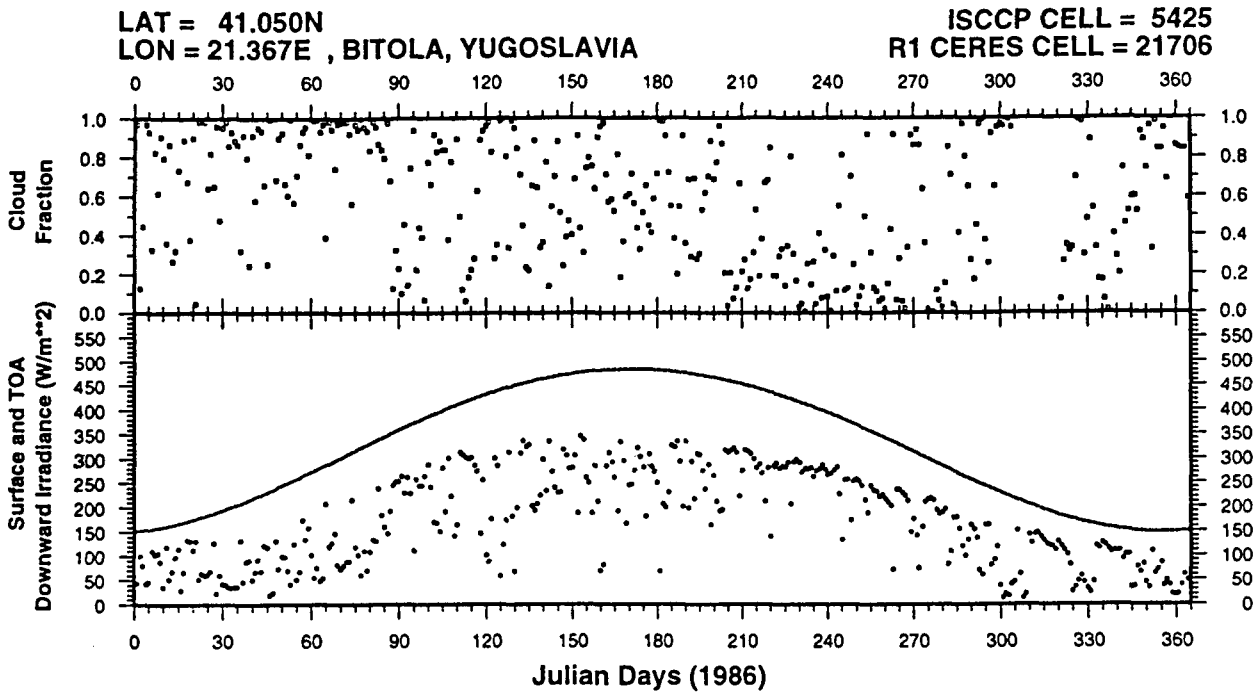
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C206. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PRISTINA, YUGOSLAVIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure C207. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BAR, YUGOSLAVIA.



(···· = Ground Site Data, ···· = Top-of-Atmosphere, ···· = Cloud Fraction)

Figure C208. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BITOLA, YUGOSLAVIA.

Appendix D

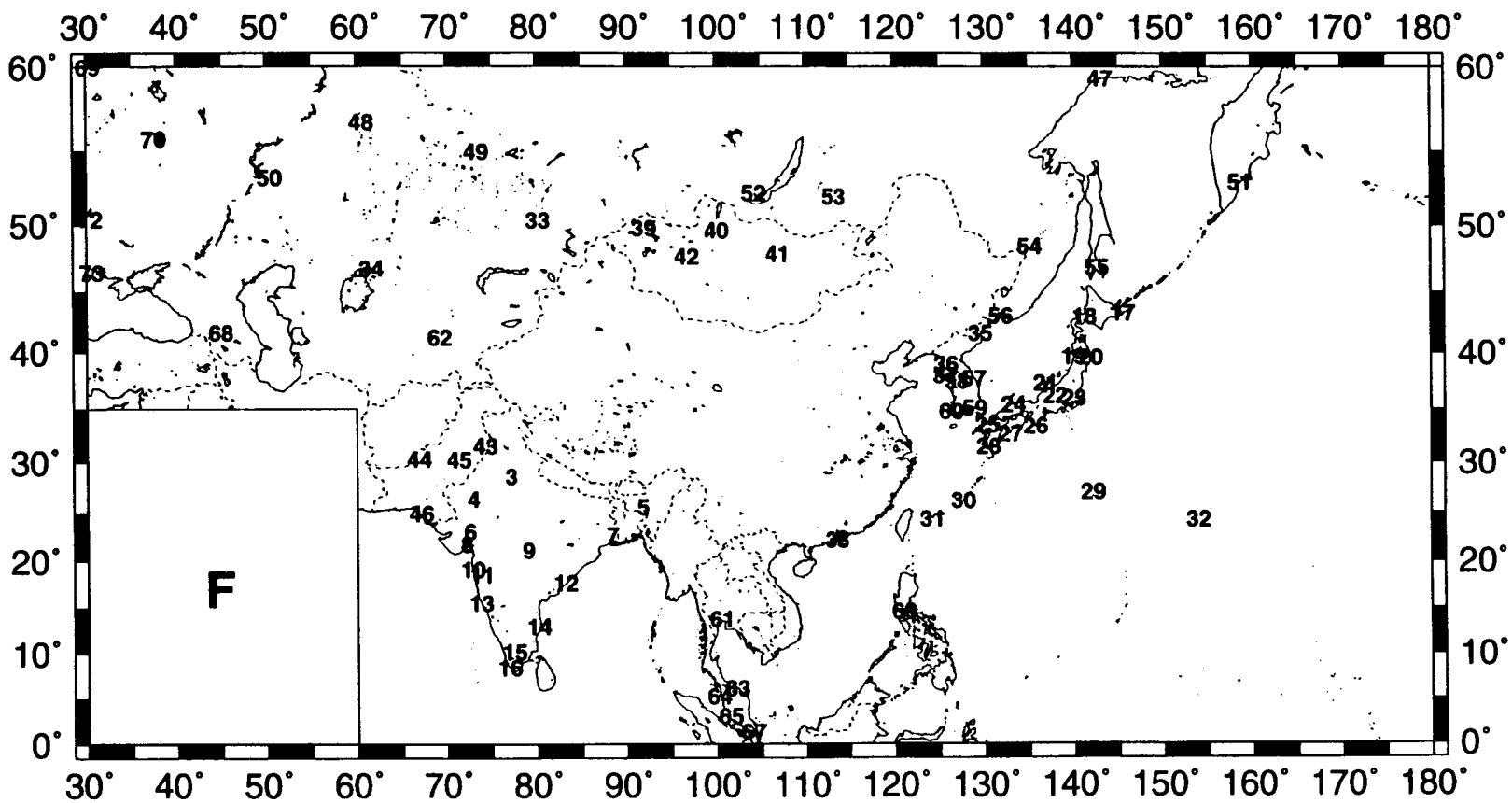


Figure D1. Ground truth sites for region D.

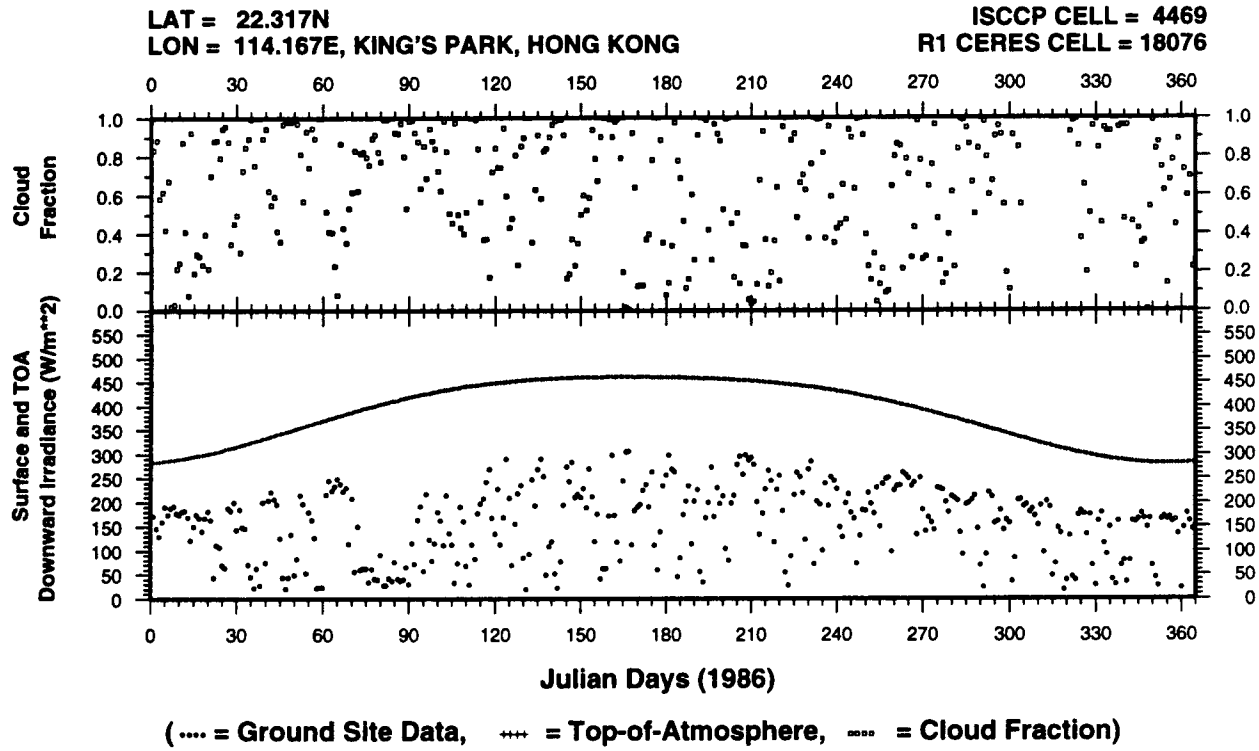


Figure D2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KING'S PARK, HONG KONG.

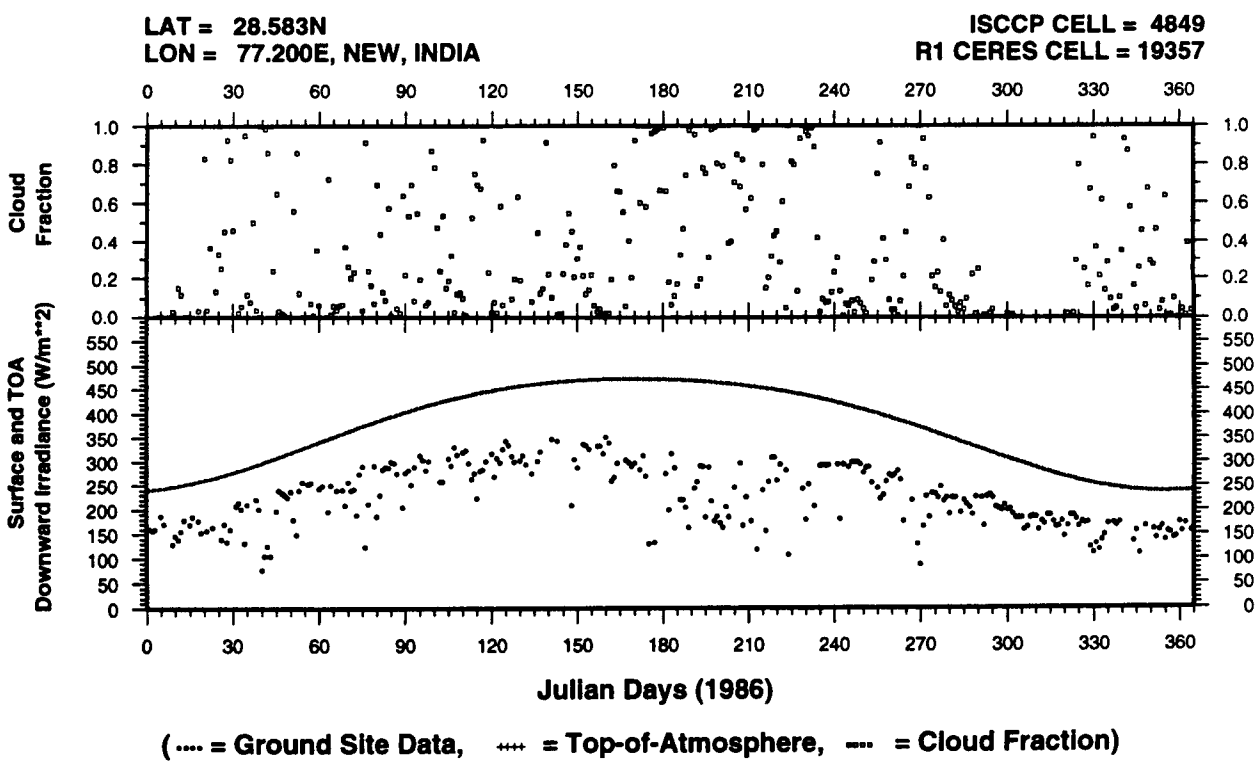
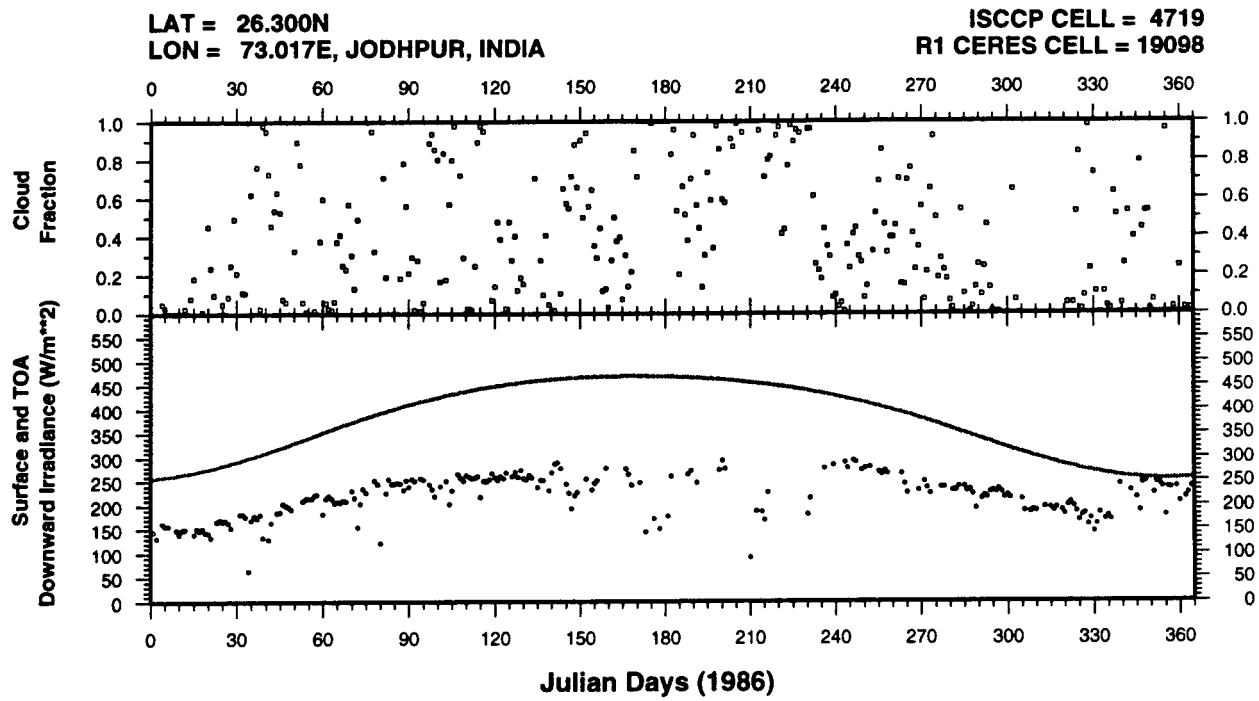
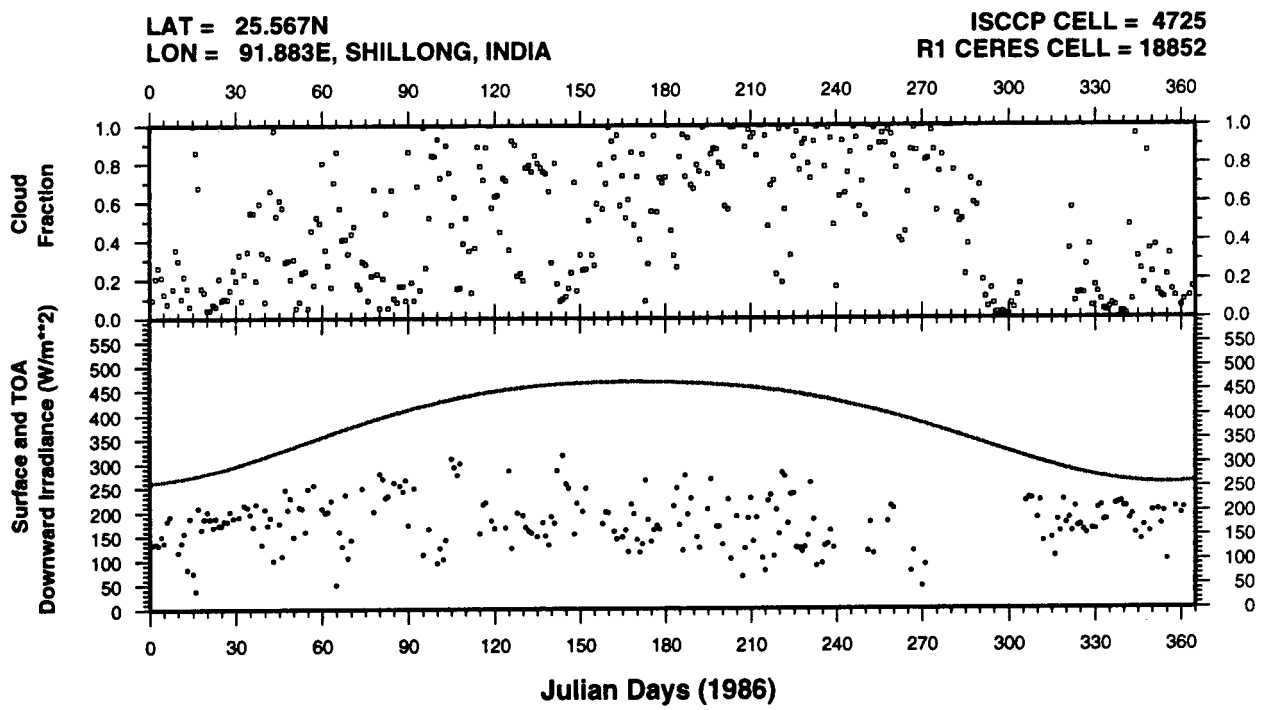


Figure D3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NEW, INDIA.



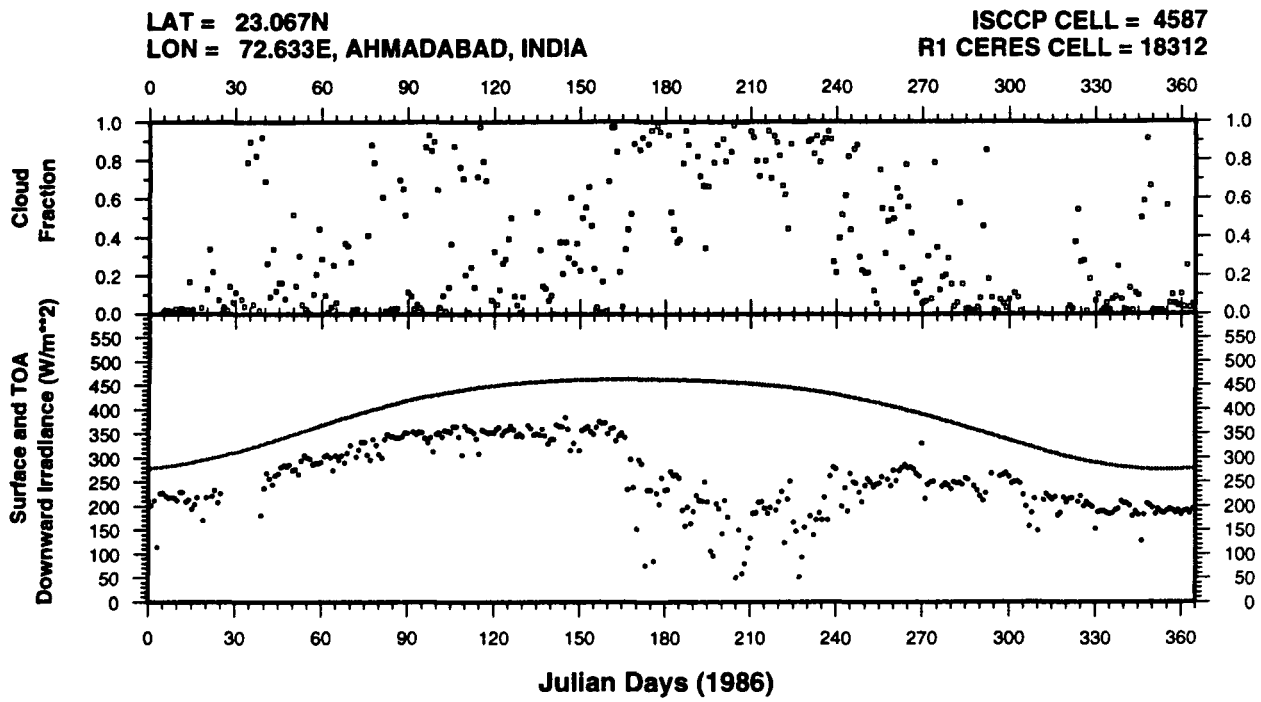
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for JODHPUR, INDIA.



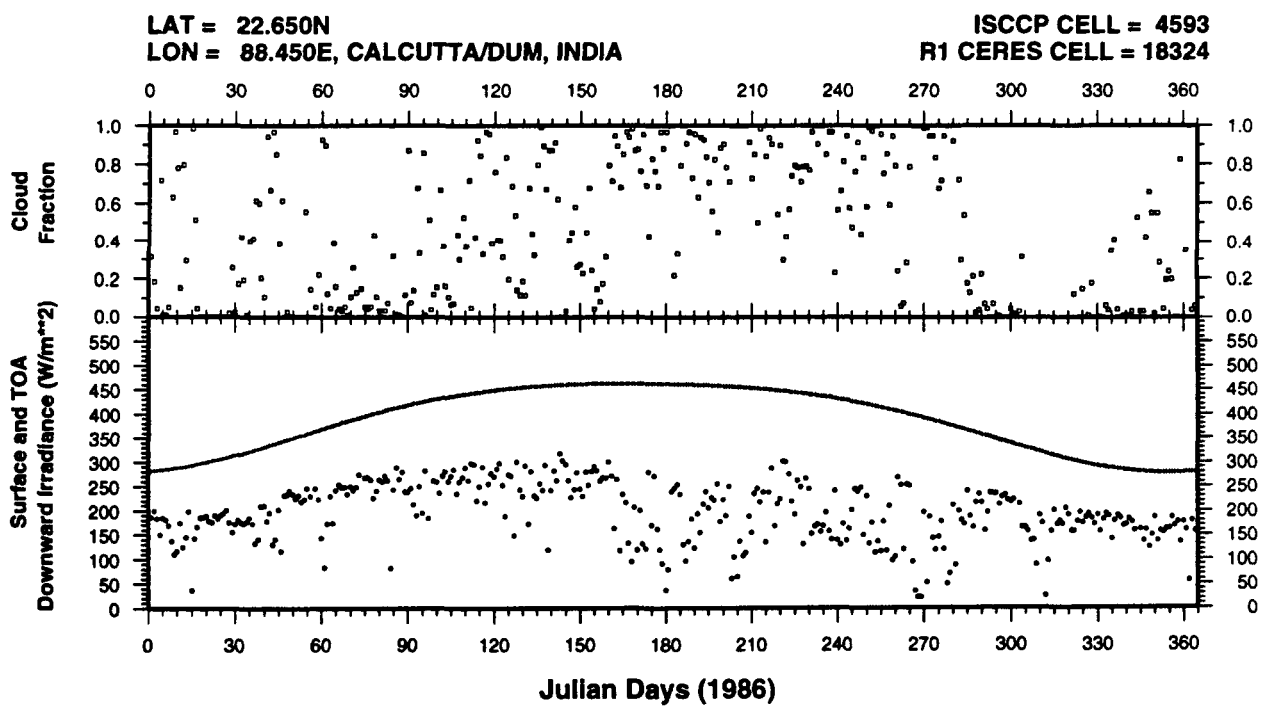
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHILLONG, INDIA.



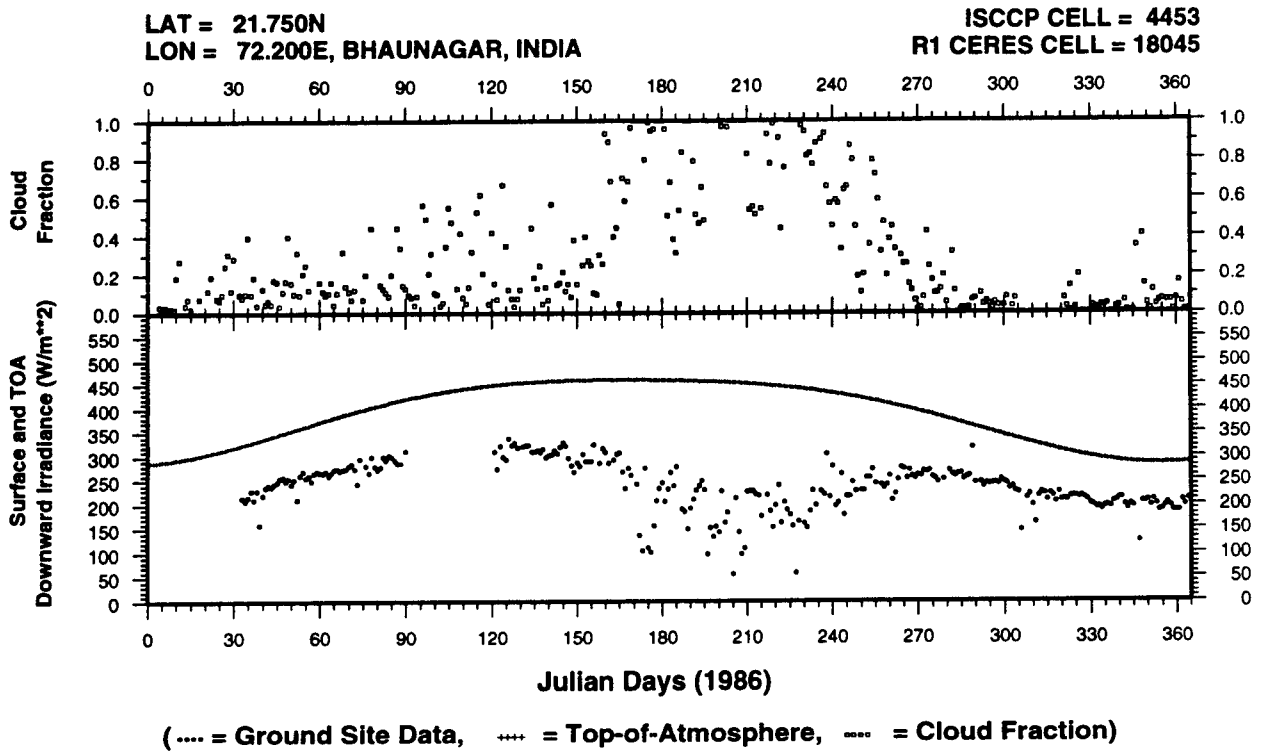
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AHMADABAD, INDIA.



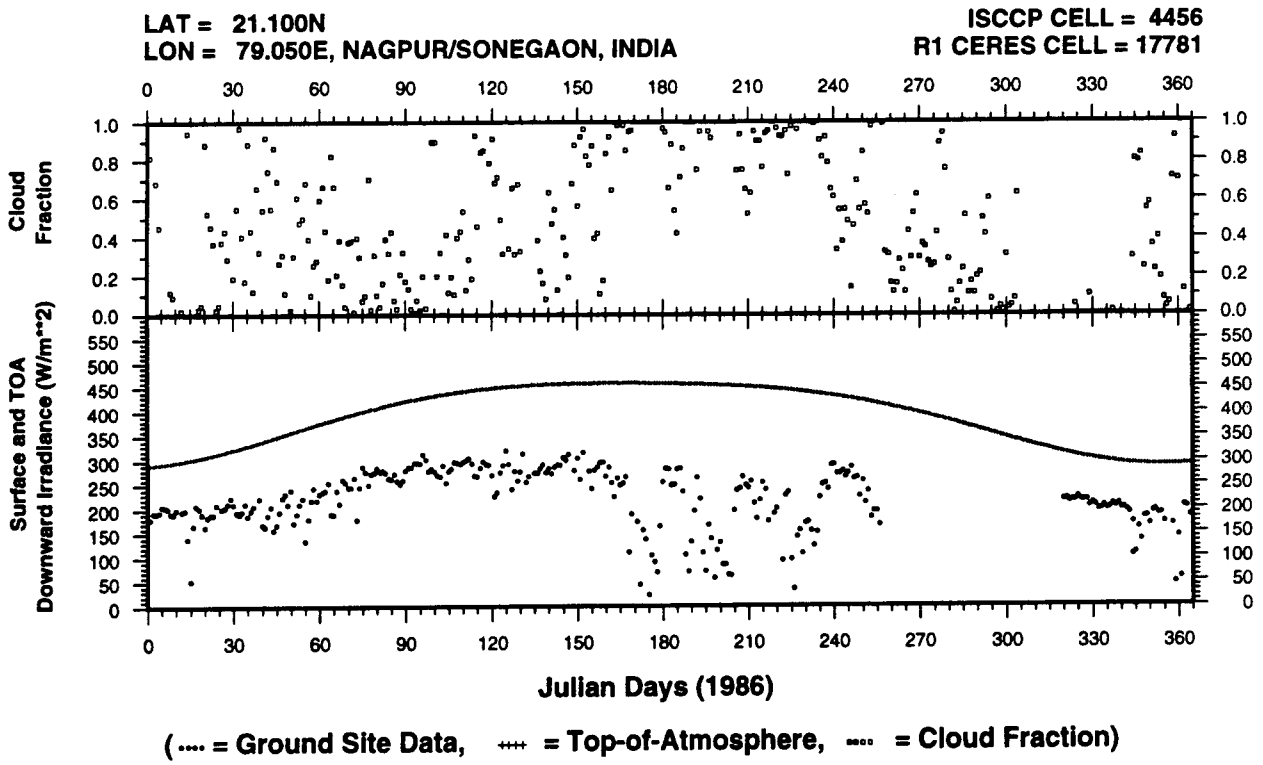
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CALCUTTA/DUM, INDIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BHAUNAGAR, INDIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAGPUR/SONEGAON, INDIA.

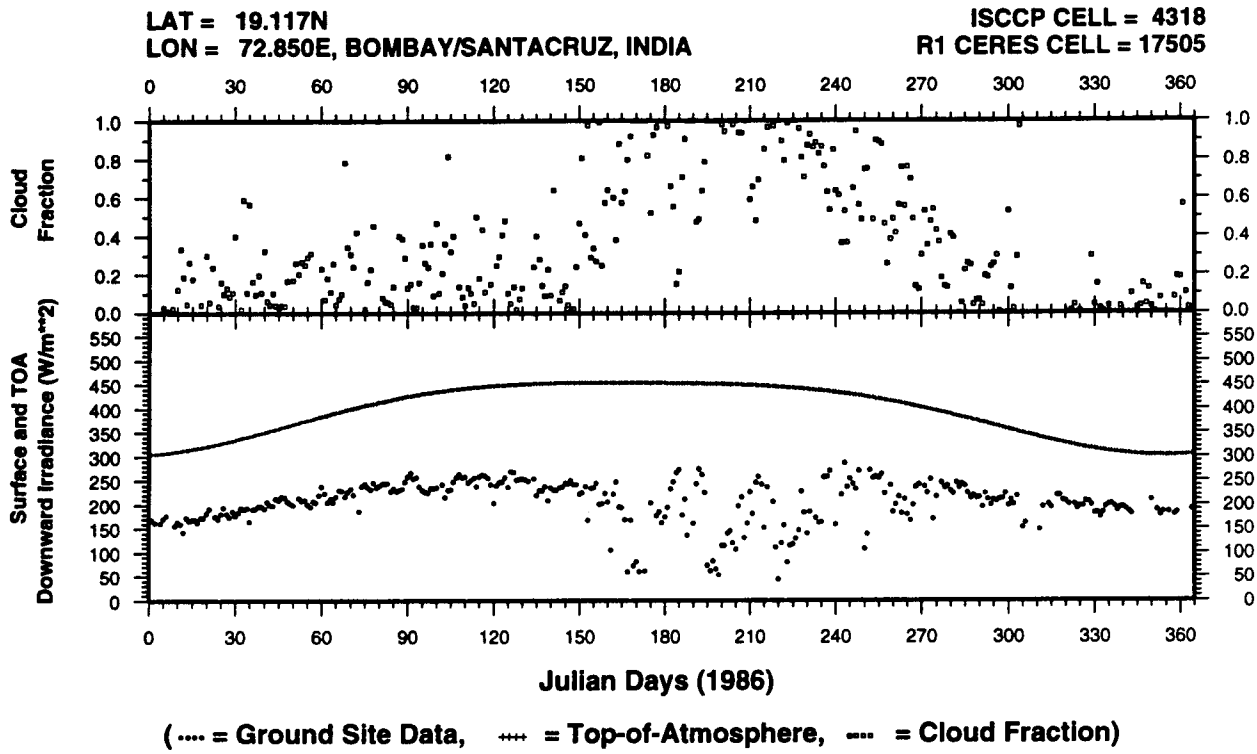


Figure D10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BOMBAY/SANTACRUZ, INDIA.

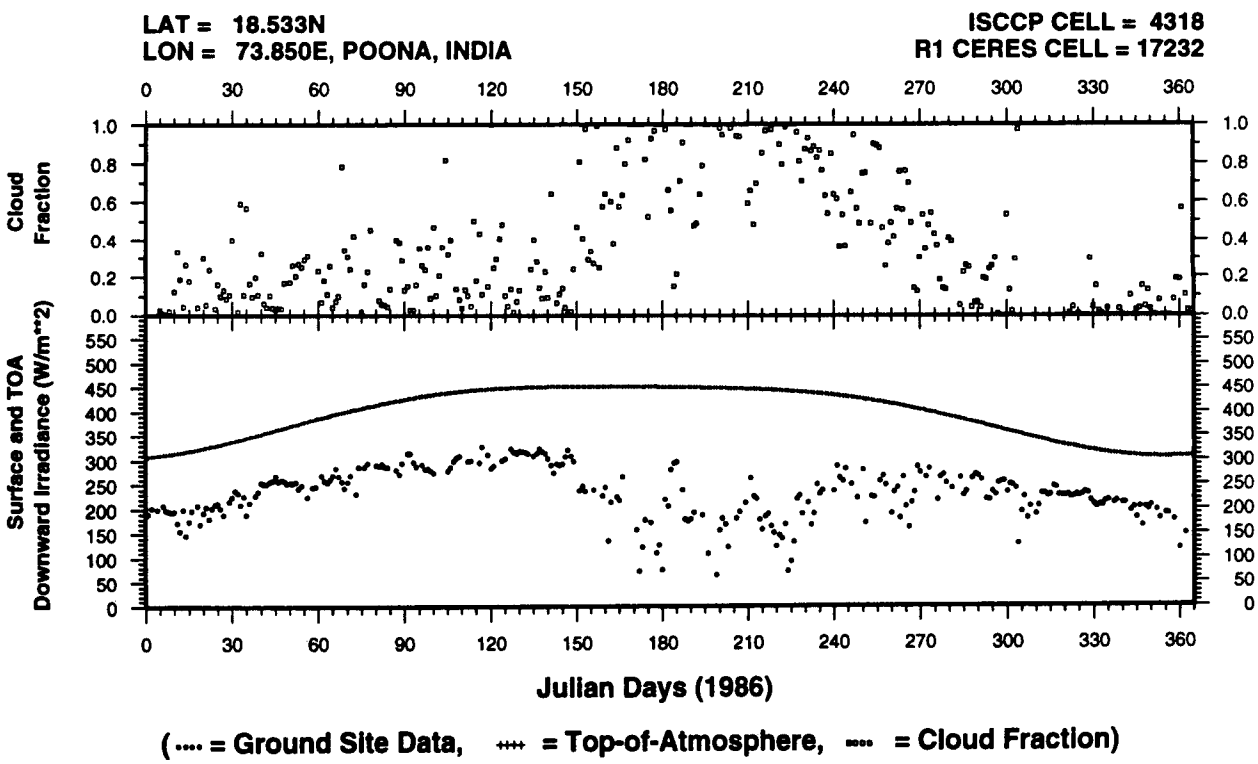
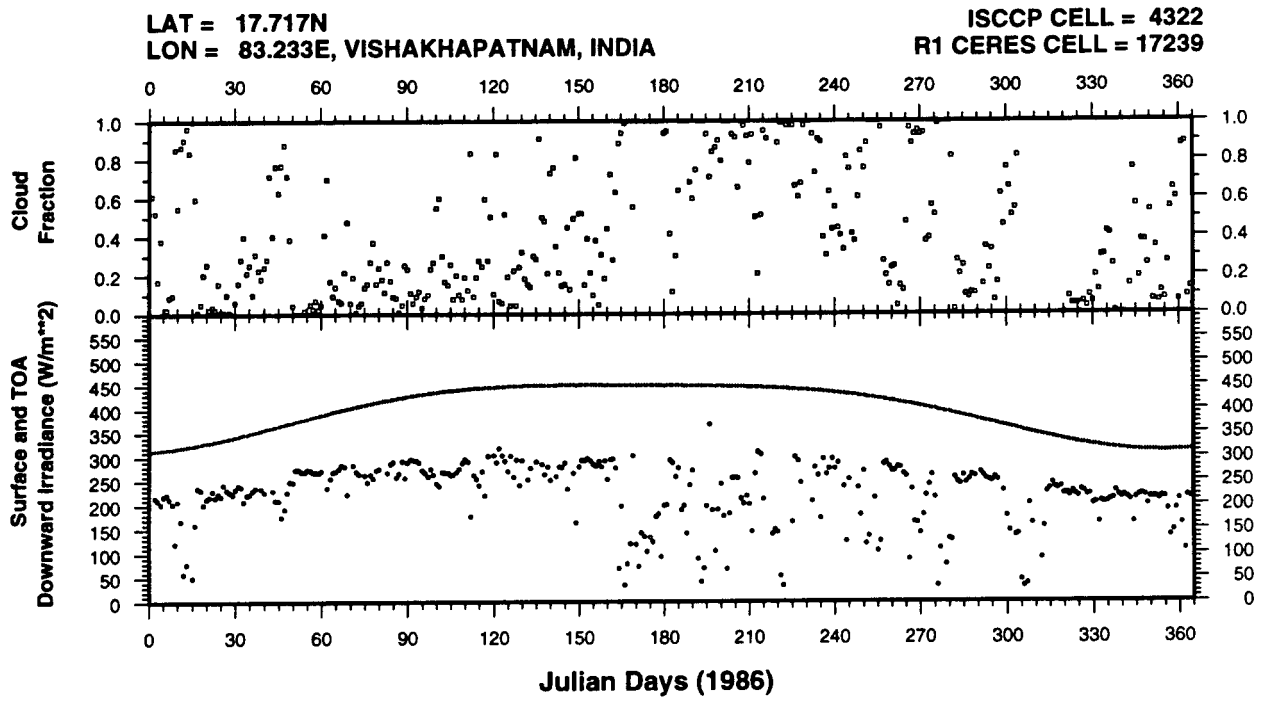
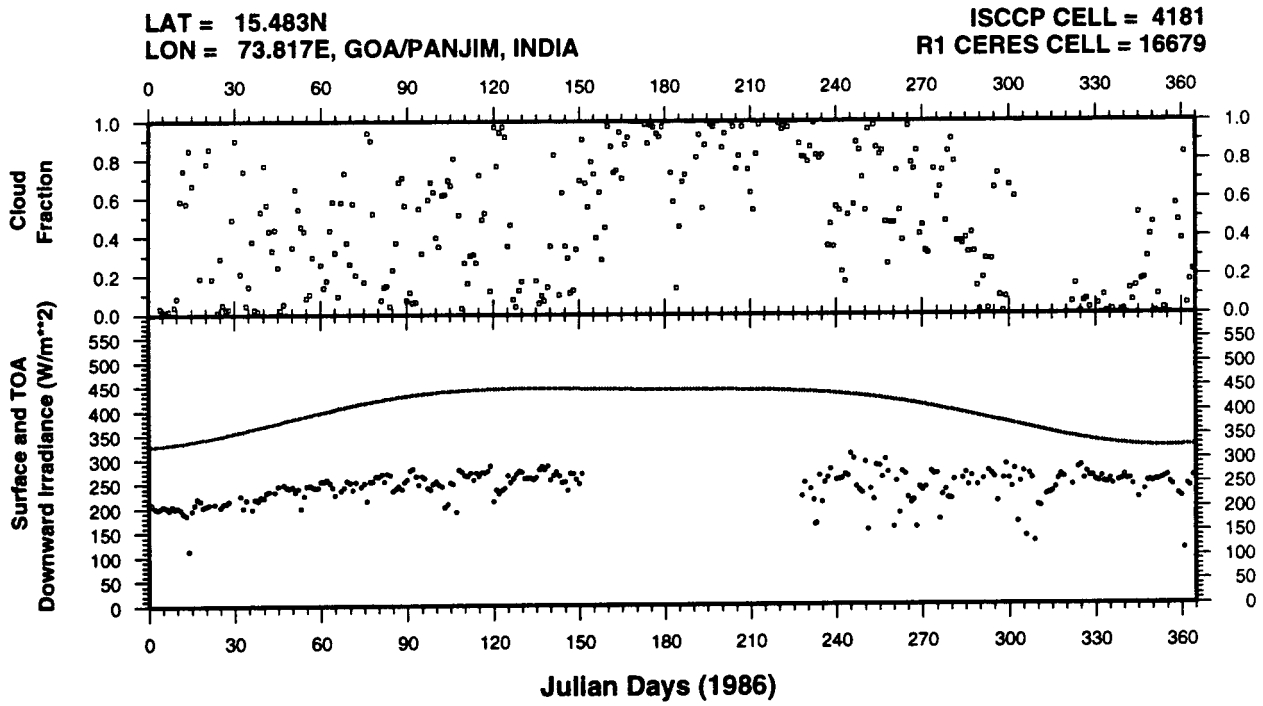


Figure D11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for POONA, INDIA.



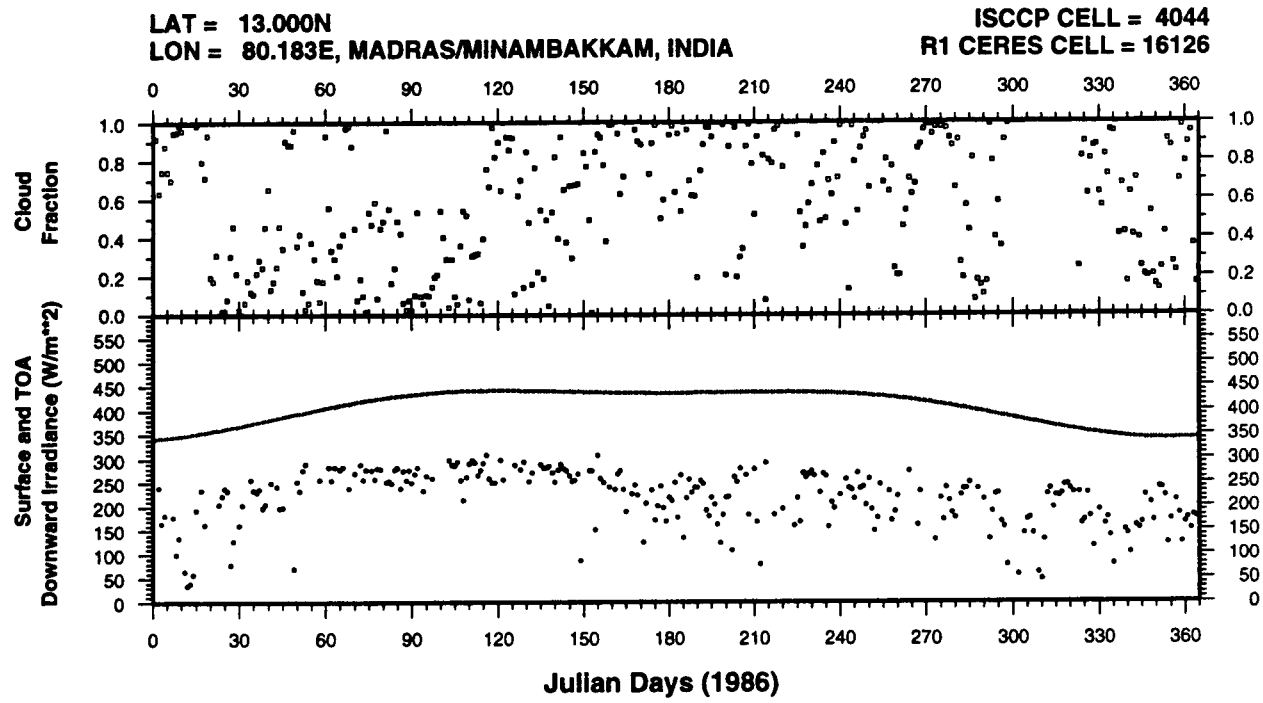
(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VISHAKHAPATNAM, INDIA.



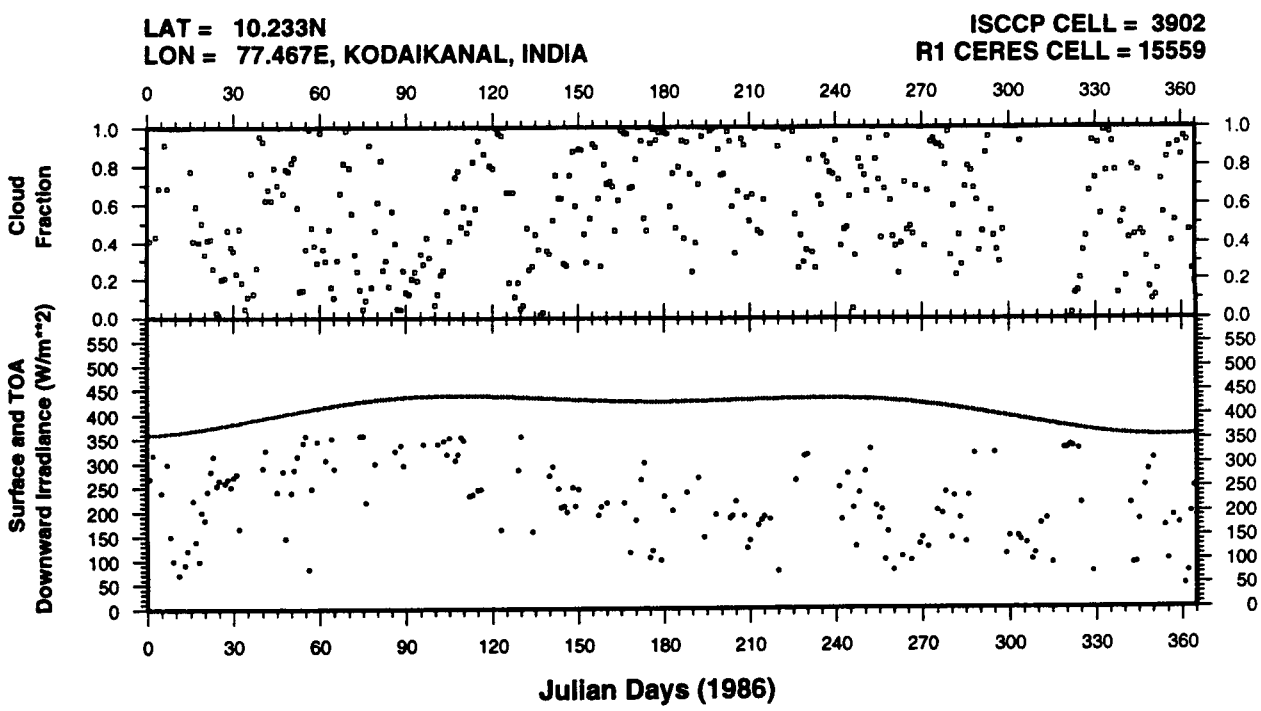
(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GOA/PANJIM, INDIA.



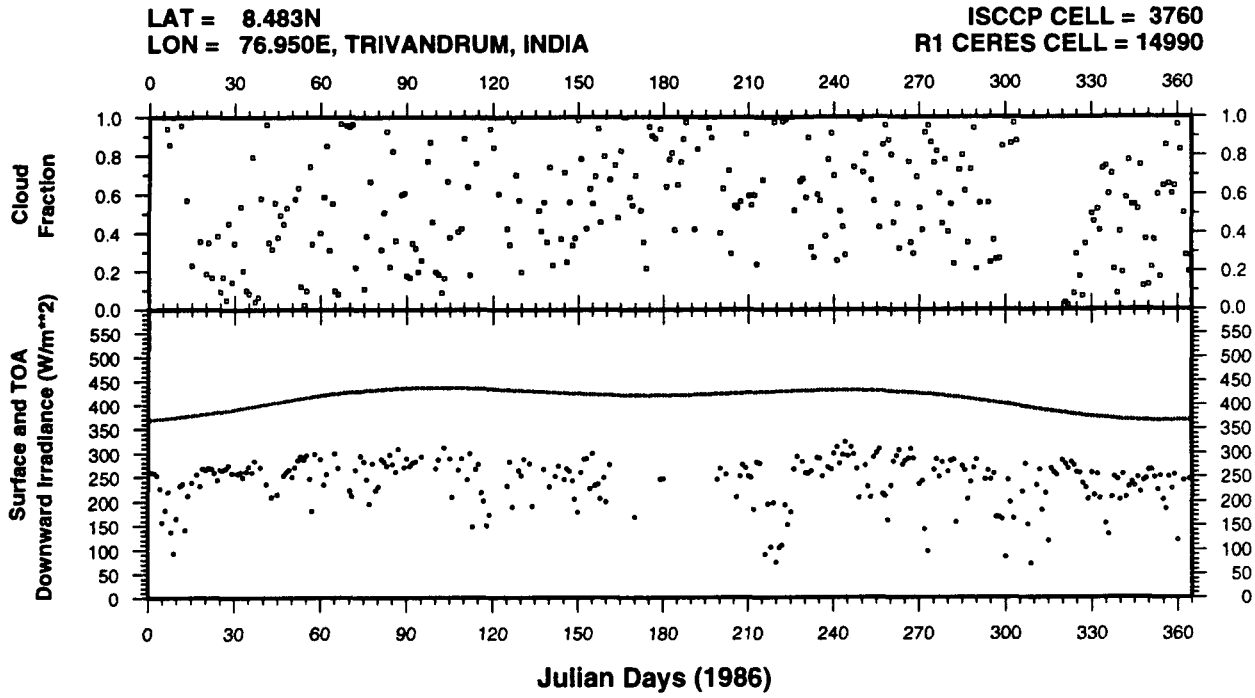
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MADRAS/MINAMBAKKAM, INDIA.



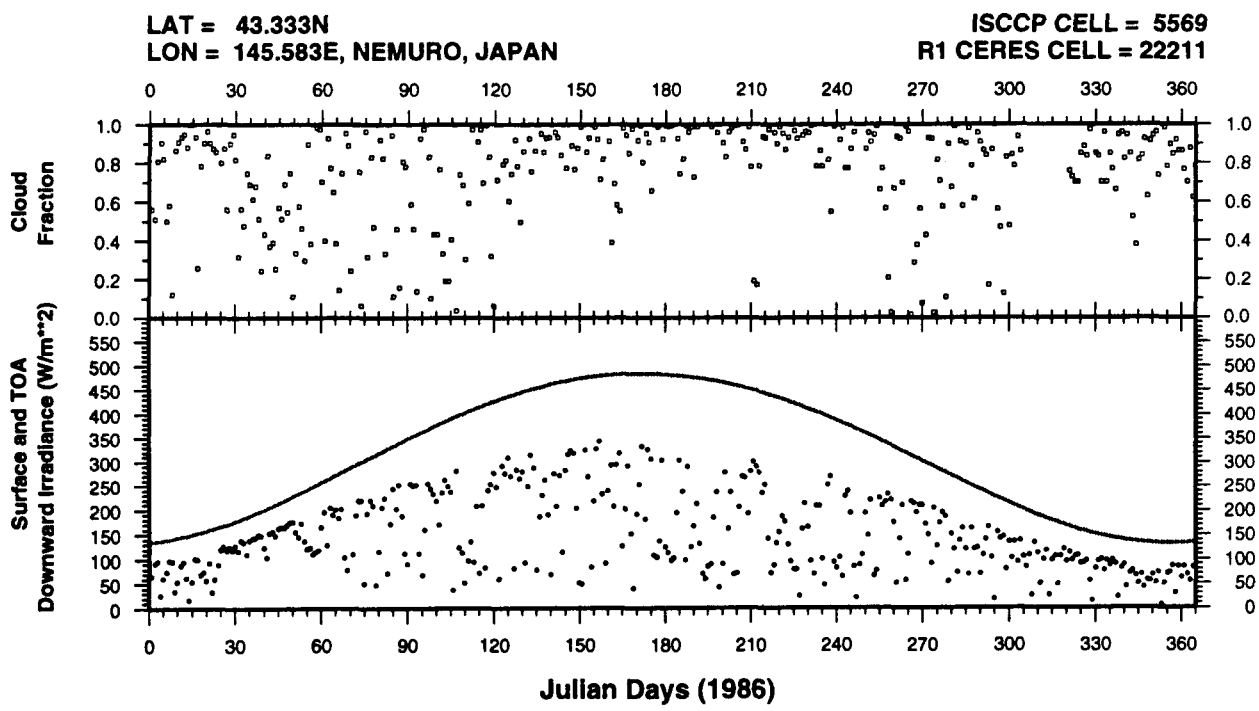
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KODAIKANAL, INDIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TRIVANDRUM, INDIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NEMURO, JAPAN.

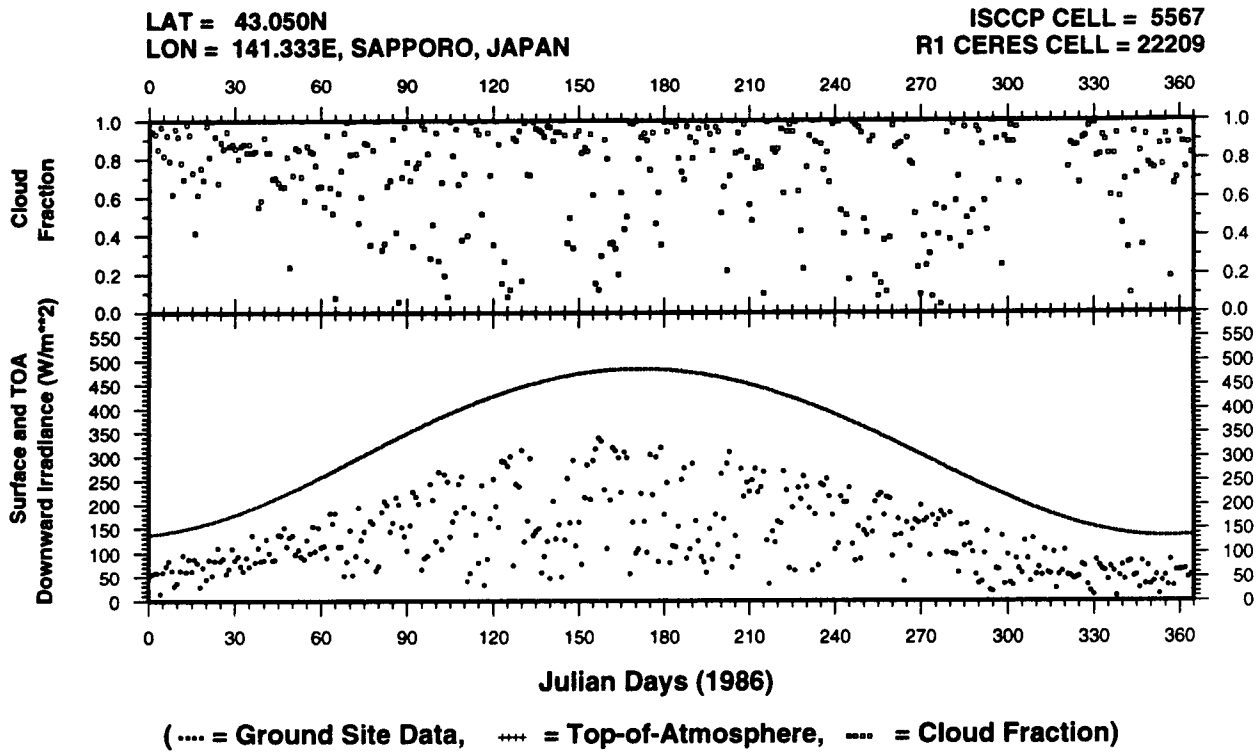


Figure D18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SAPPORO, JAPAN.

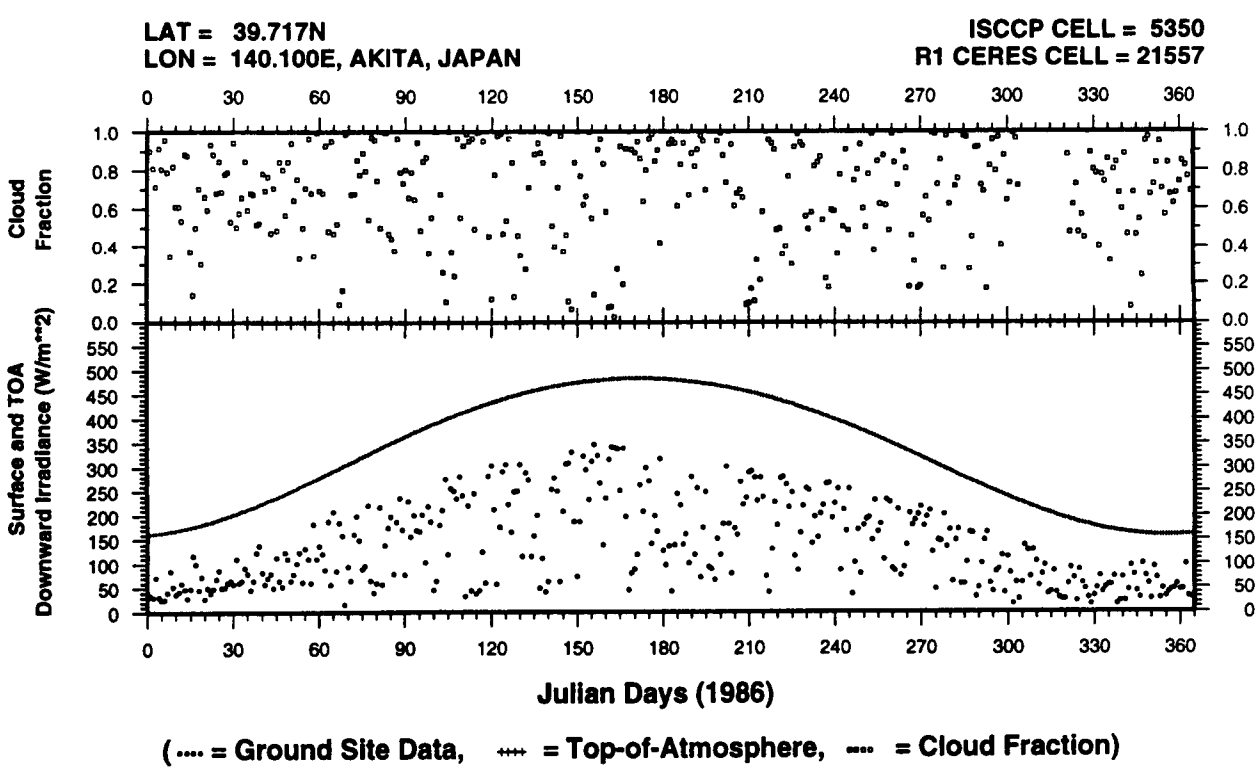
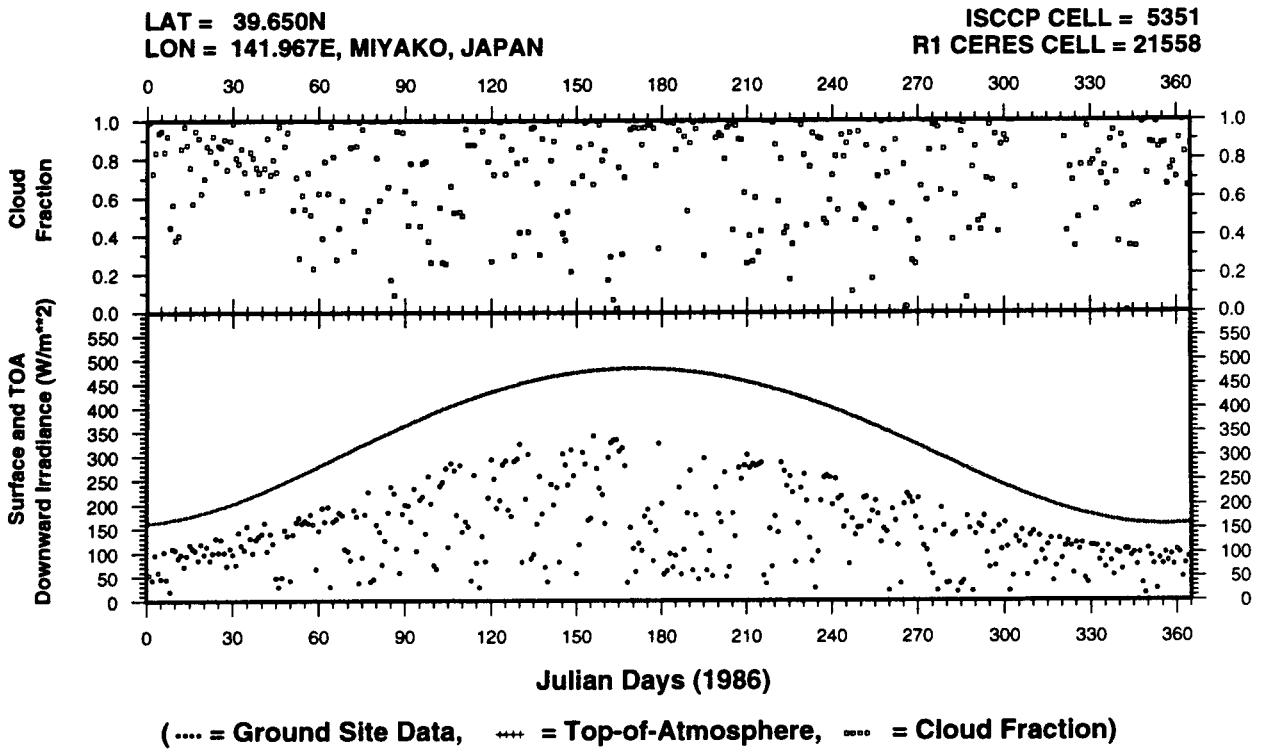
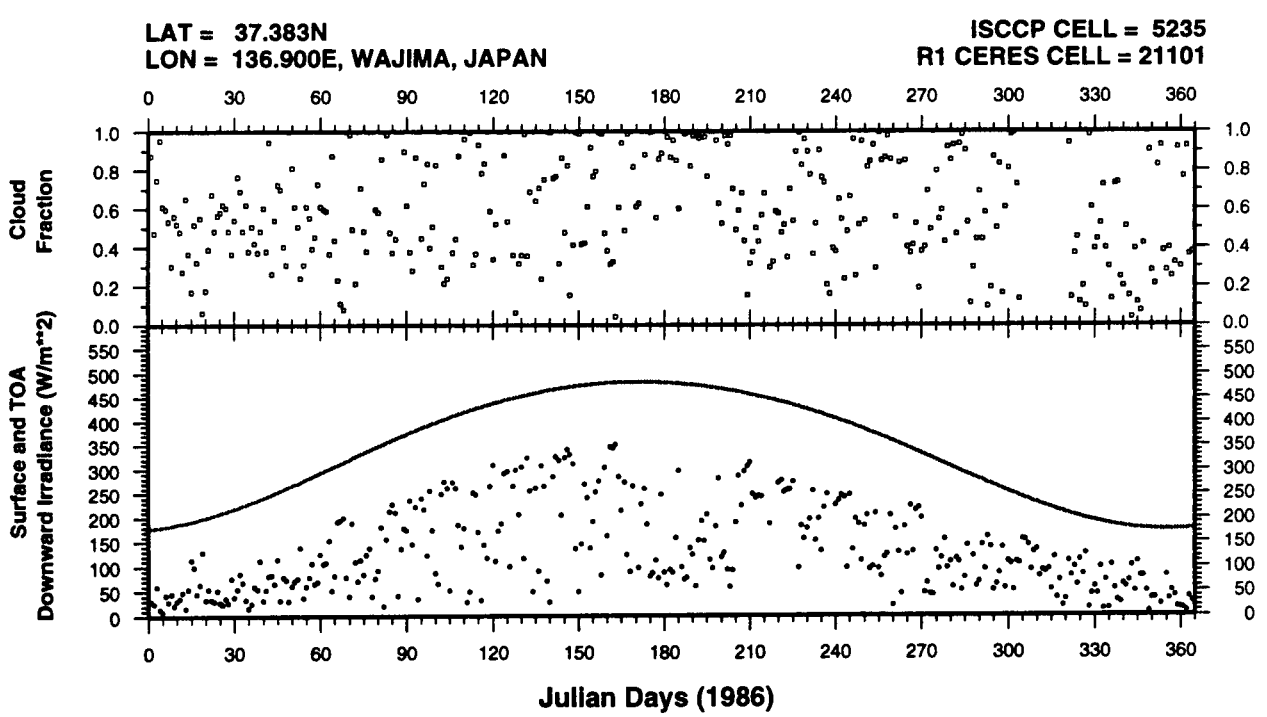


Figure D19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AKITA, JAPAN.



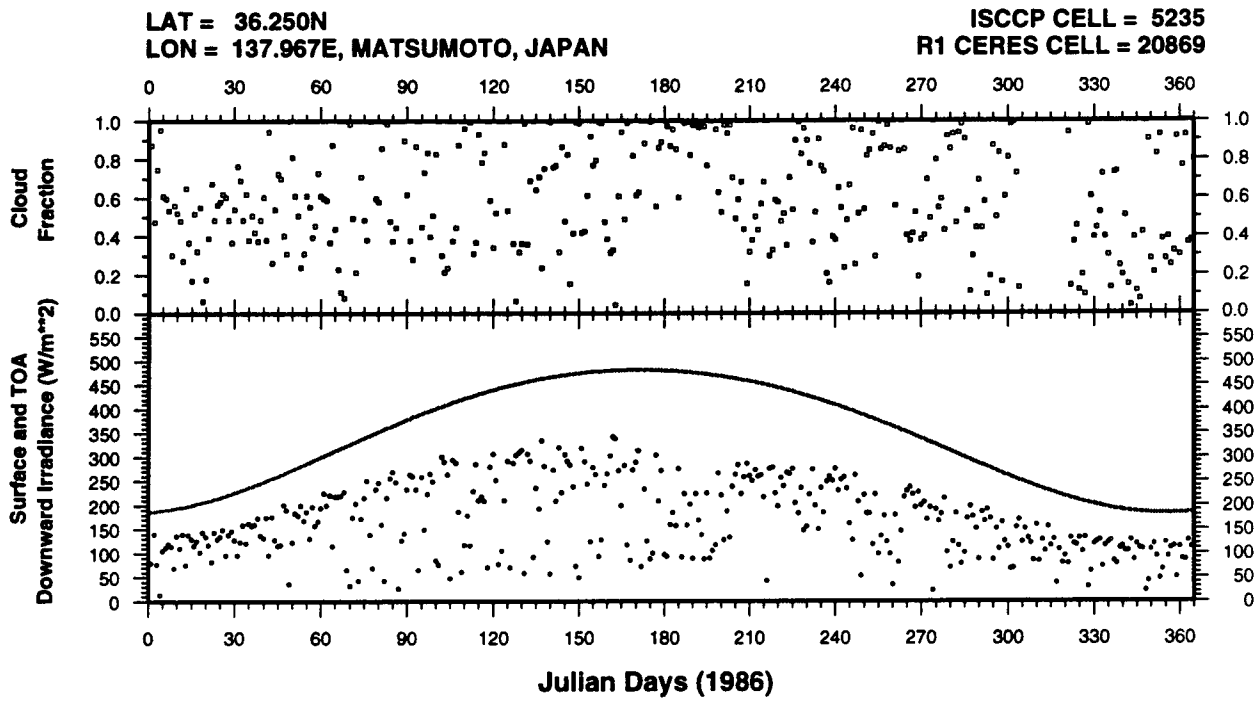
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MIYAKO, JAPAN.



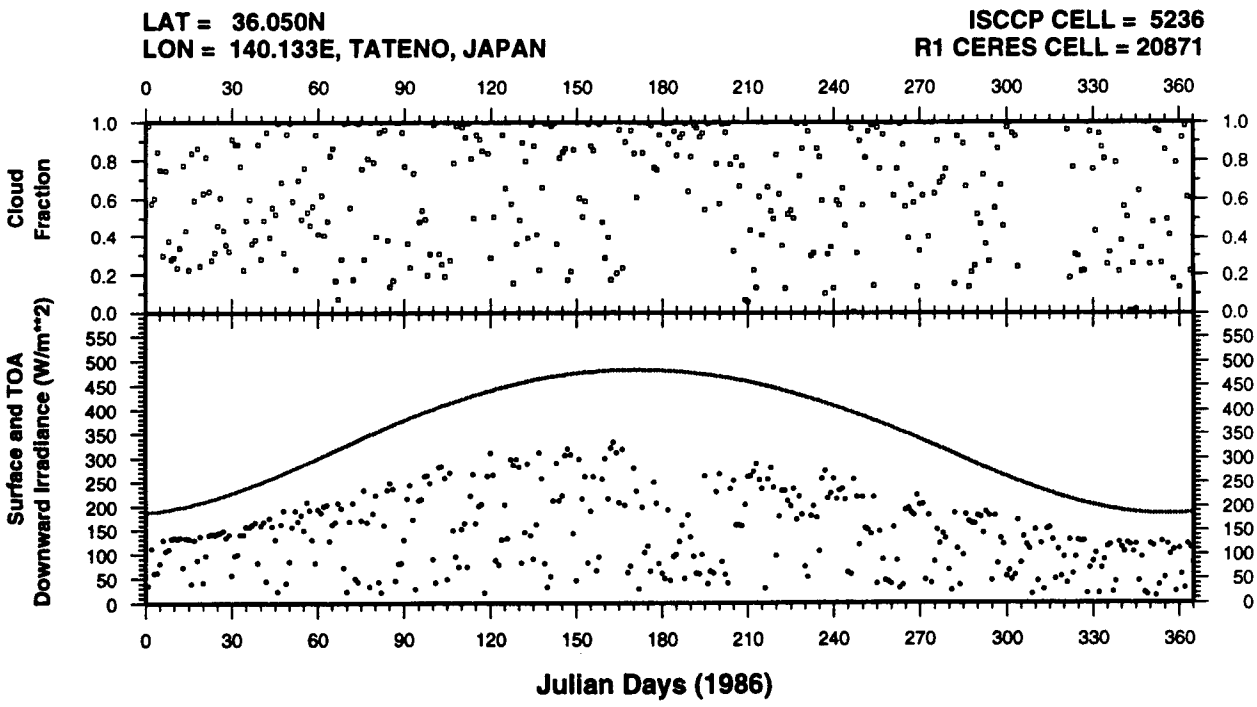
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WAJIMA, JAPAN.



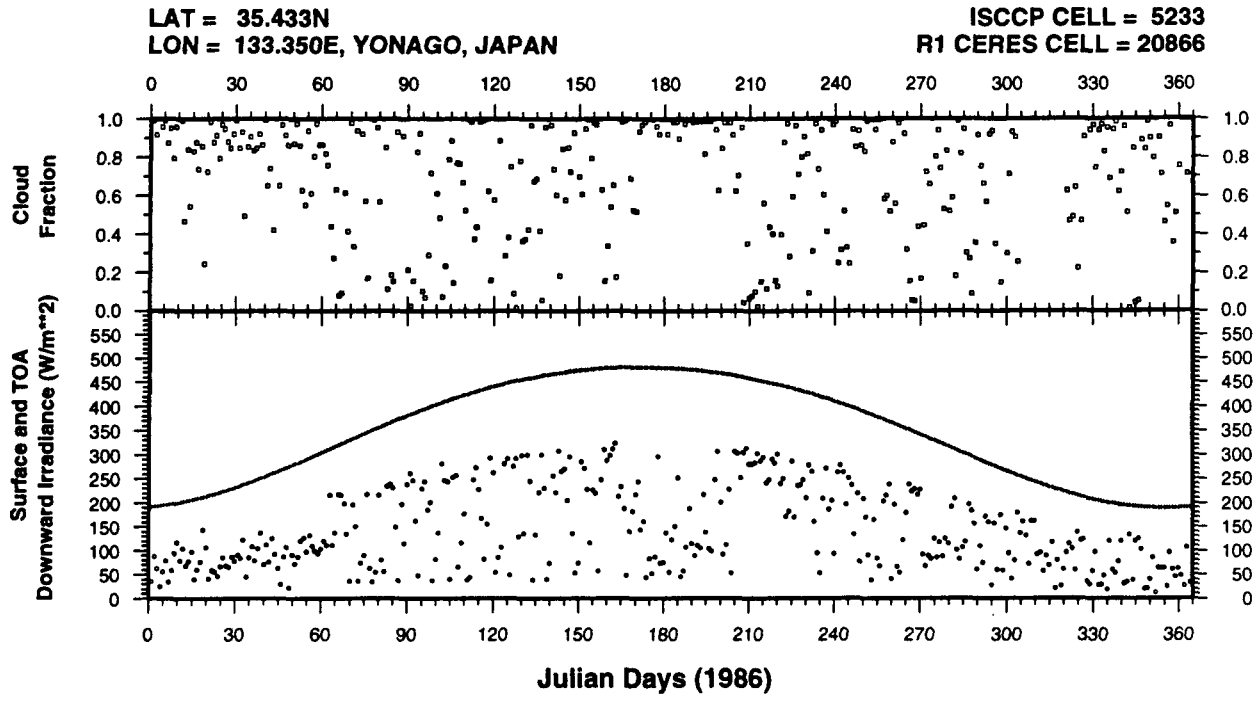
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MATSUMOTO, JAPAN.



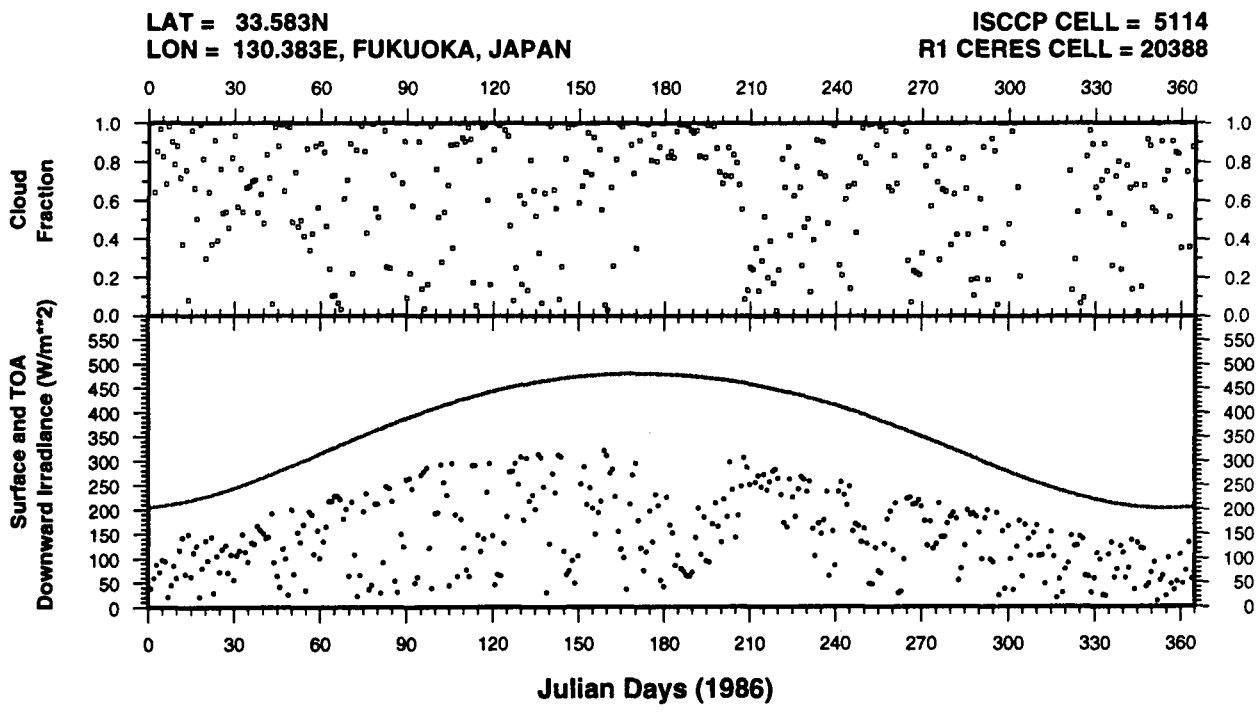
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TATENO, JAPAN.



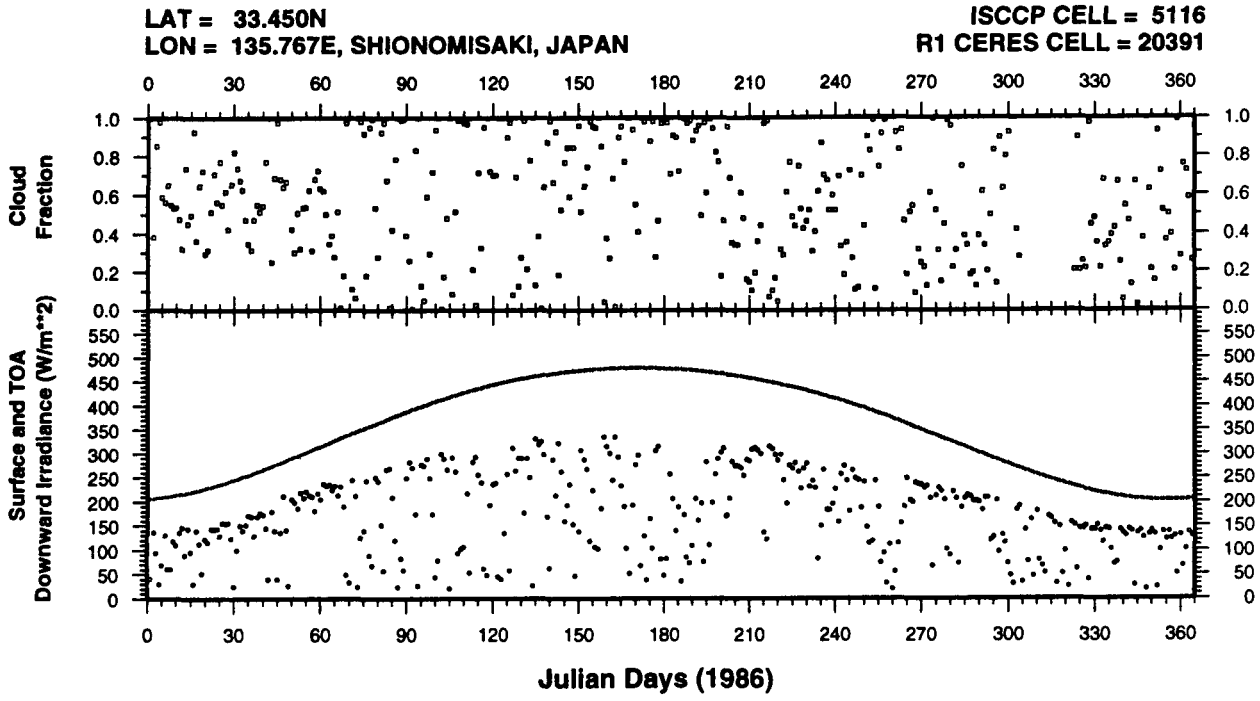
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for YONAGO, JAPAN.



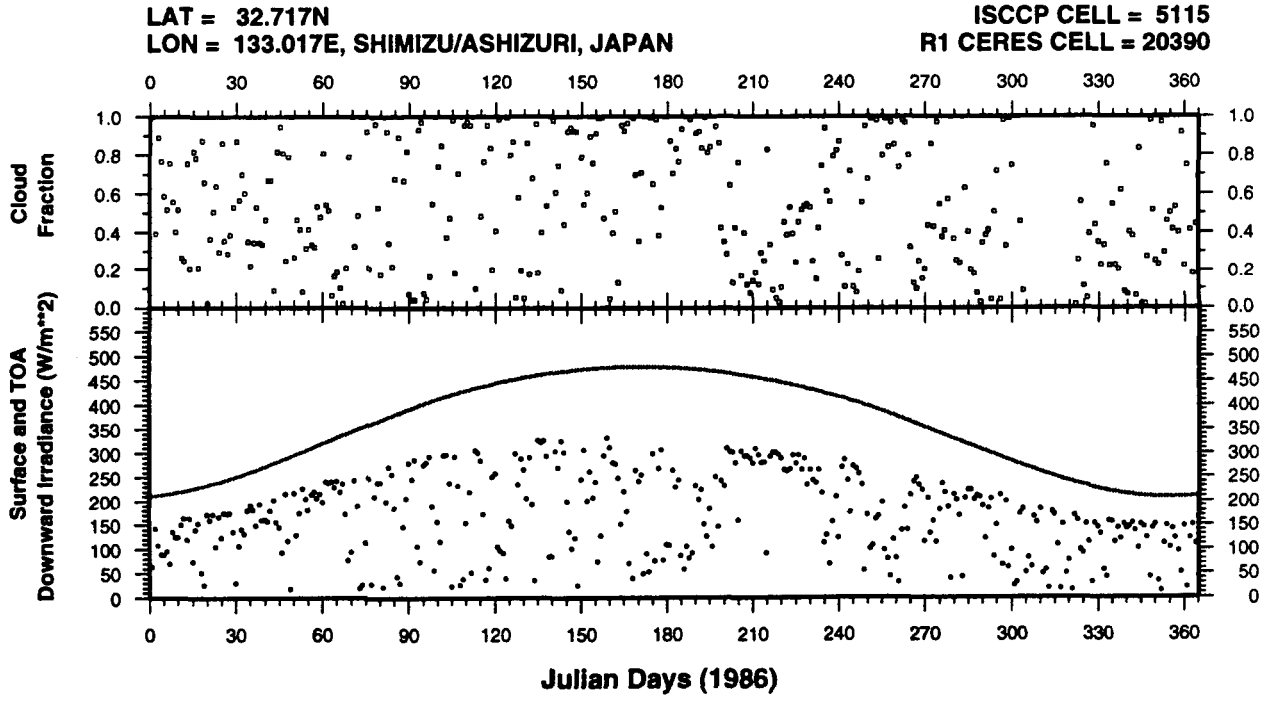
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FUKUOKA, JAPAN.



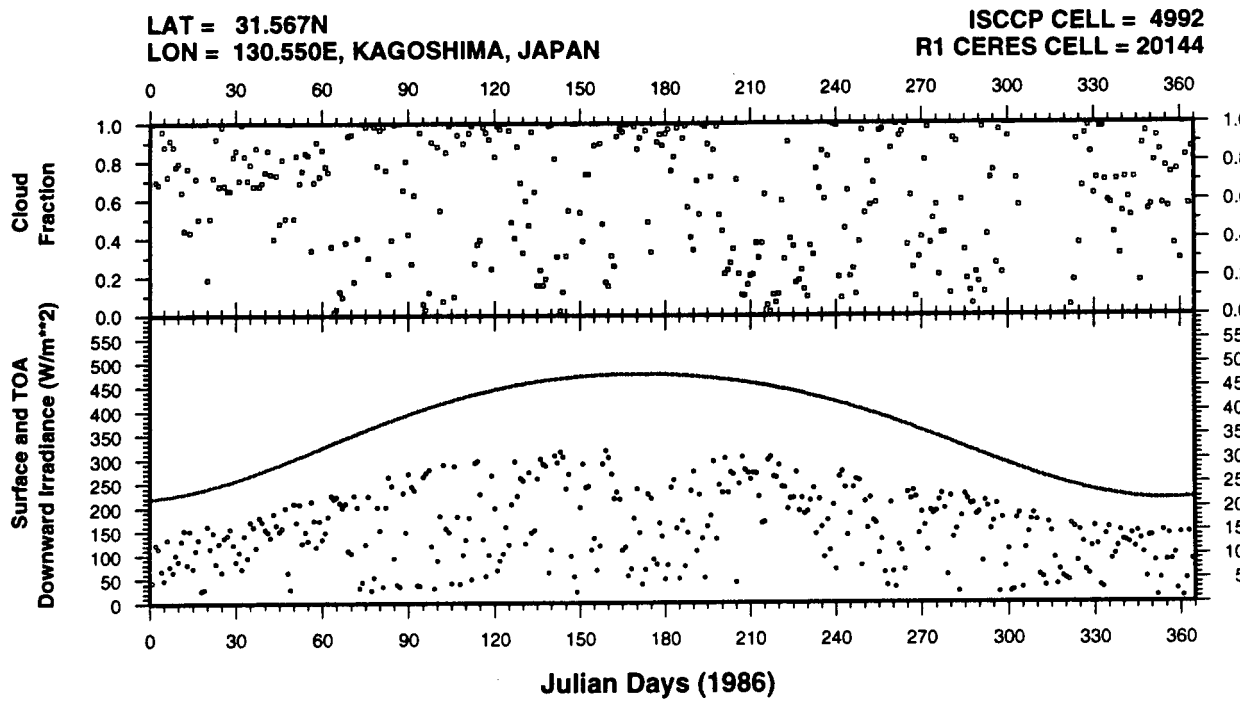
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHIONOMISAKI, JAPAN.



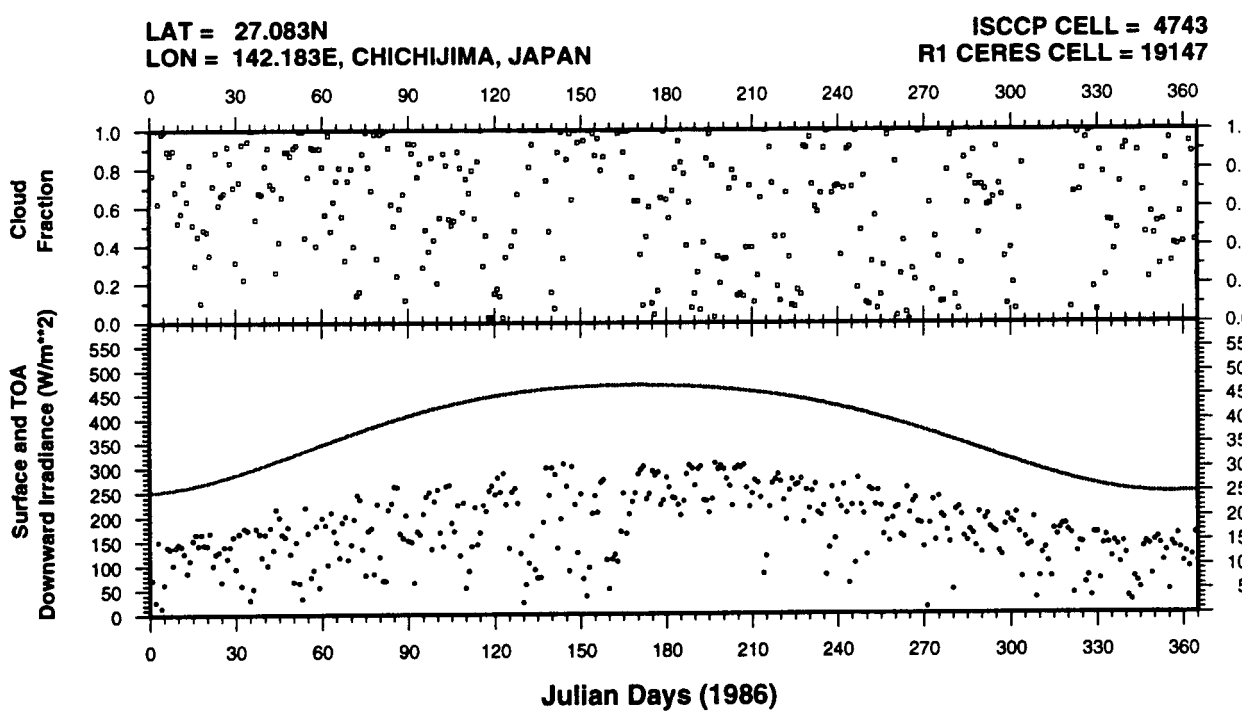
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHIMIZU/ASHIZURI, JAPAN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KAGOSHIMA, JAPAN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHICHIJIMA, JAPAN.

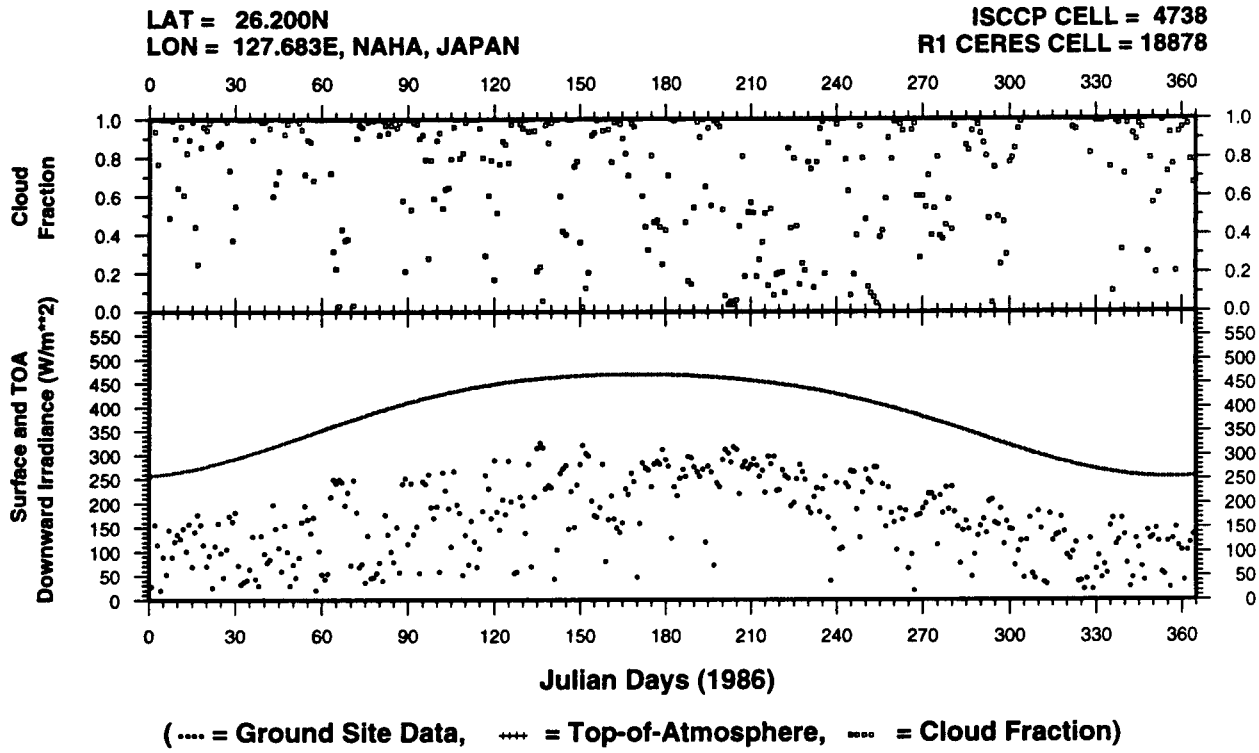


Figure D30. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAHA, JAPAN.

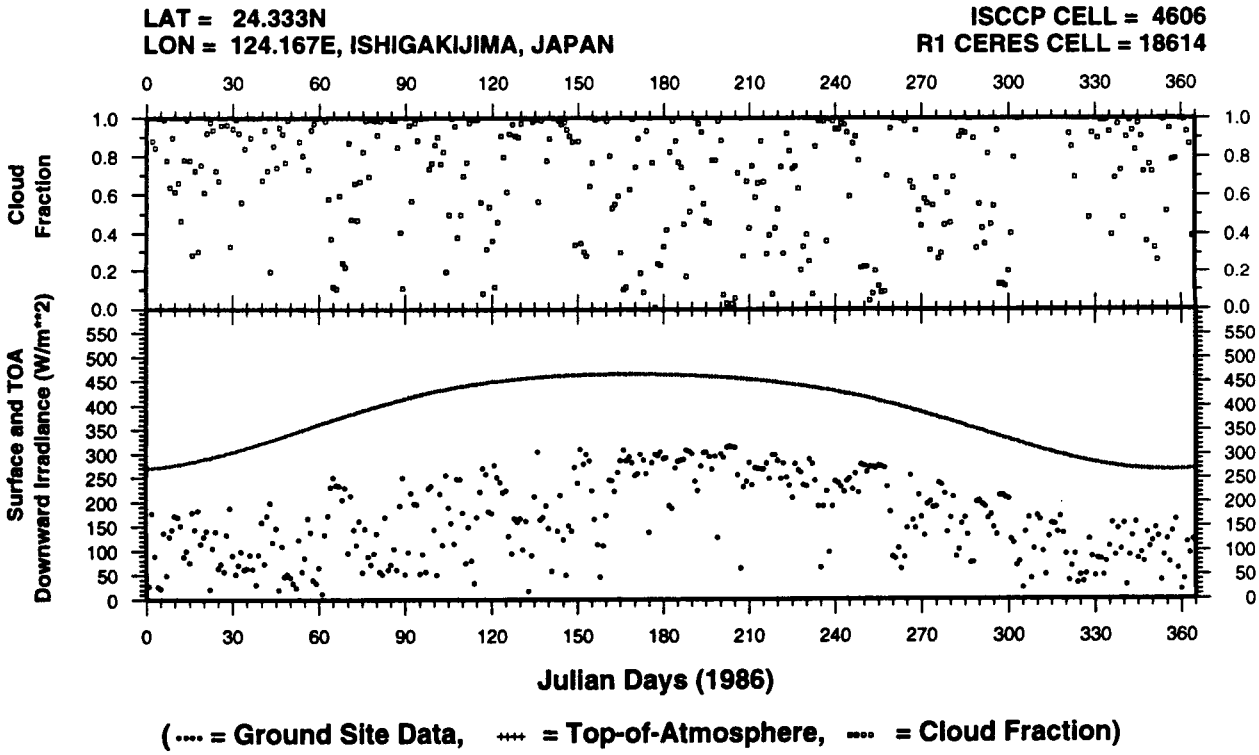


Figure D31. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ISHIGAKIJIMA, JAPAN.

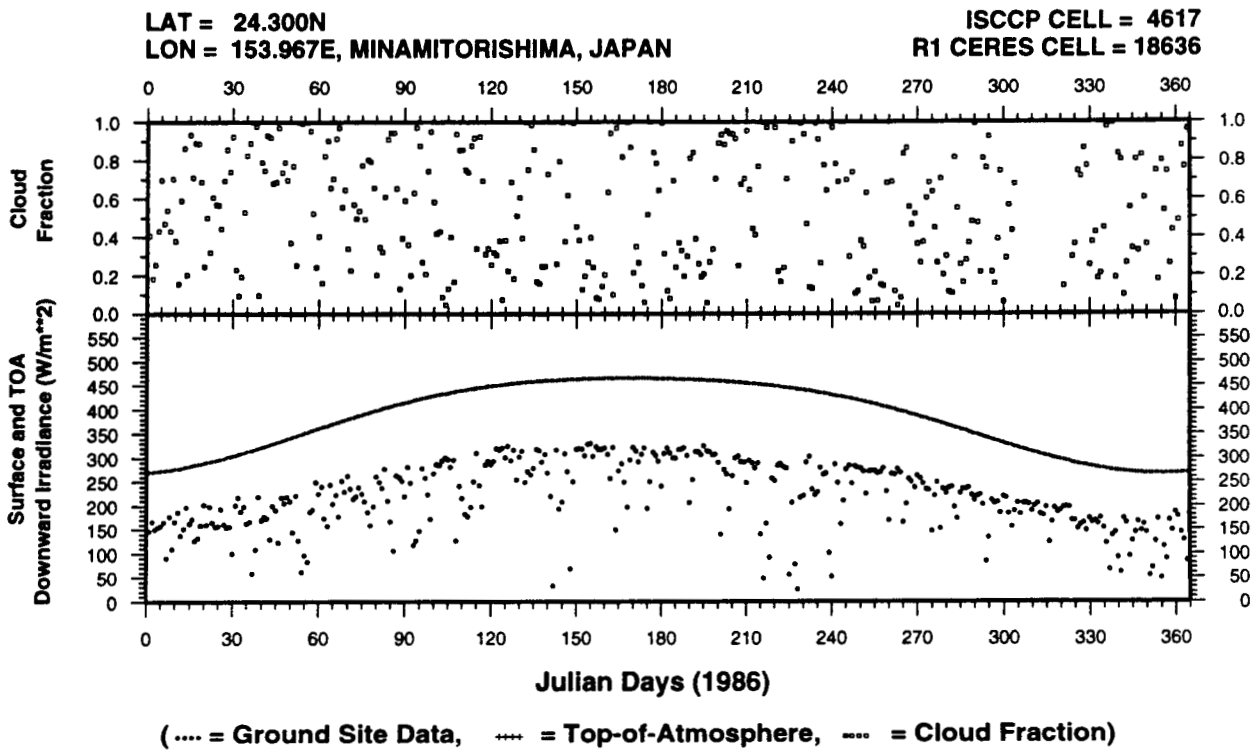


Figure D32. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MINAMITORISHIMA, JAPAN.

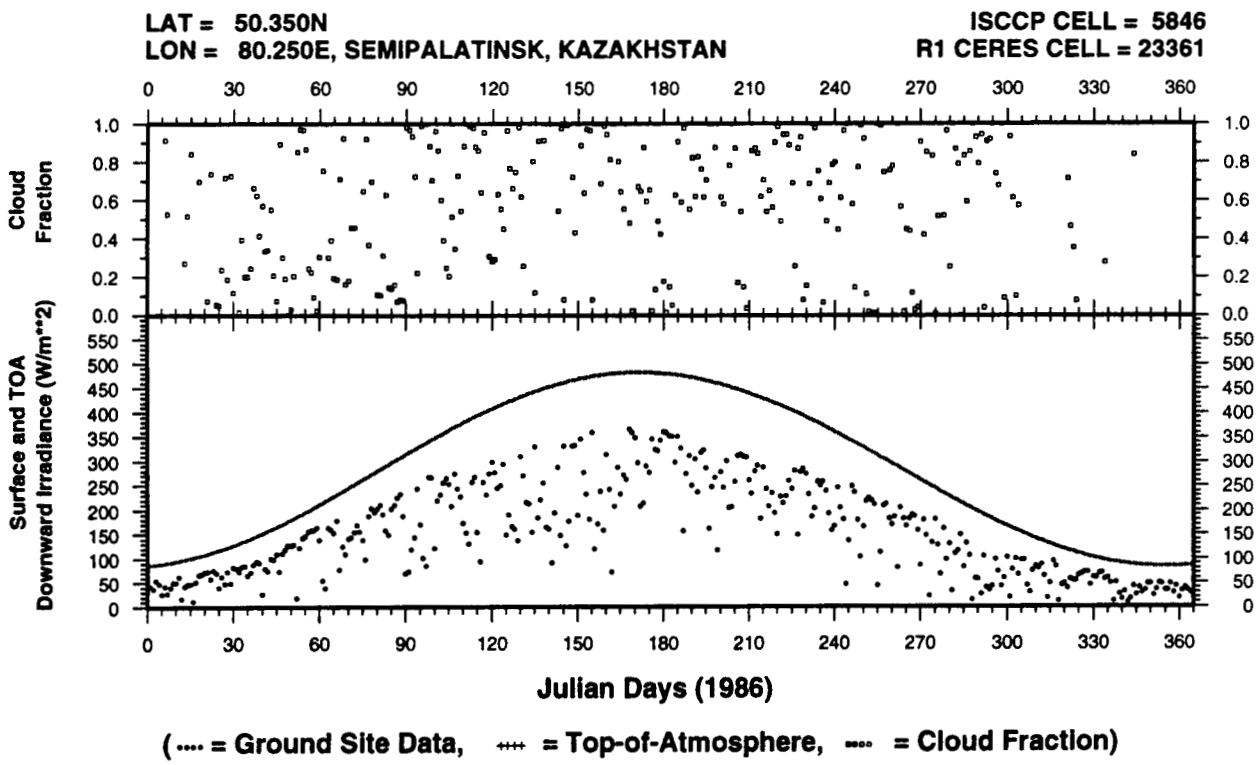


Figure D33. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SEMIPALATINSK, KAZAKHSTAN.

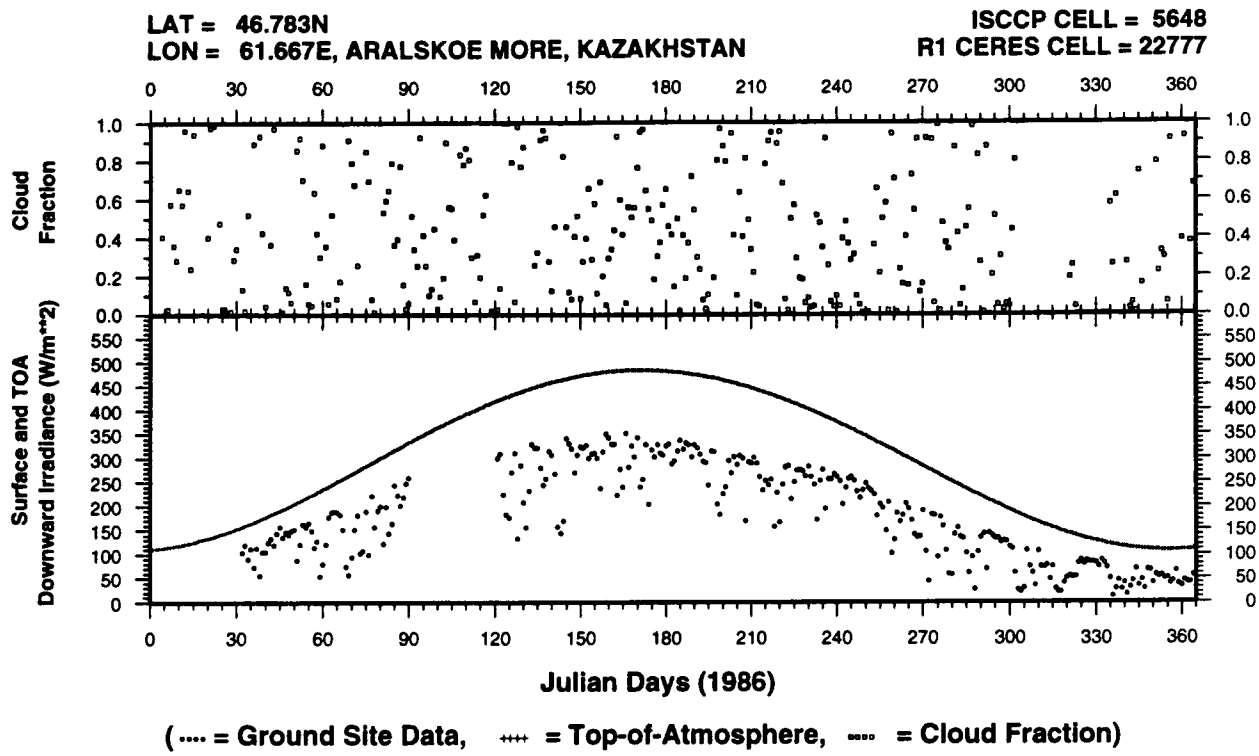


Figure D34. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ARALSKOE MORE, KAZAKHSTAN.

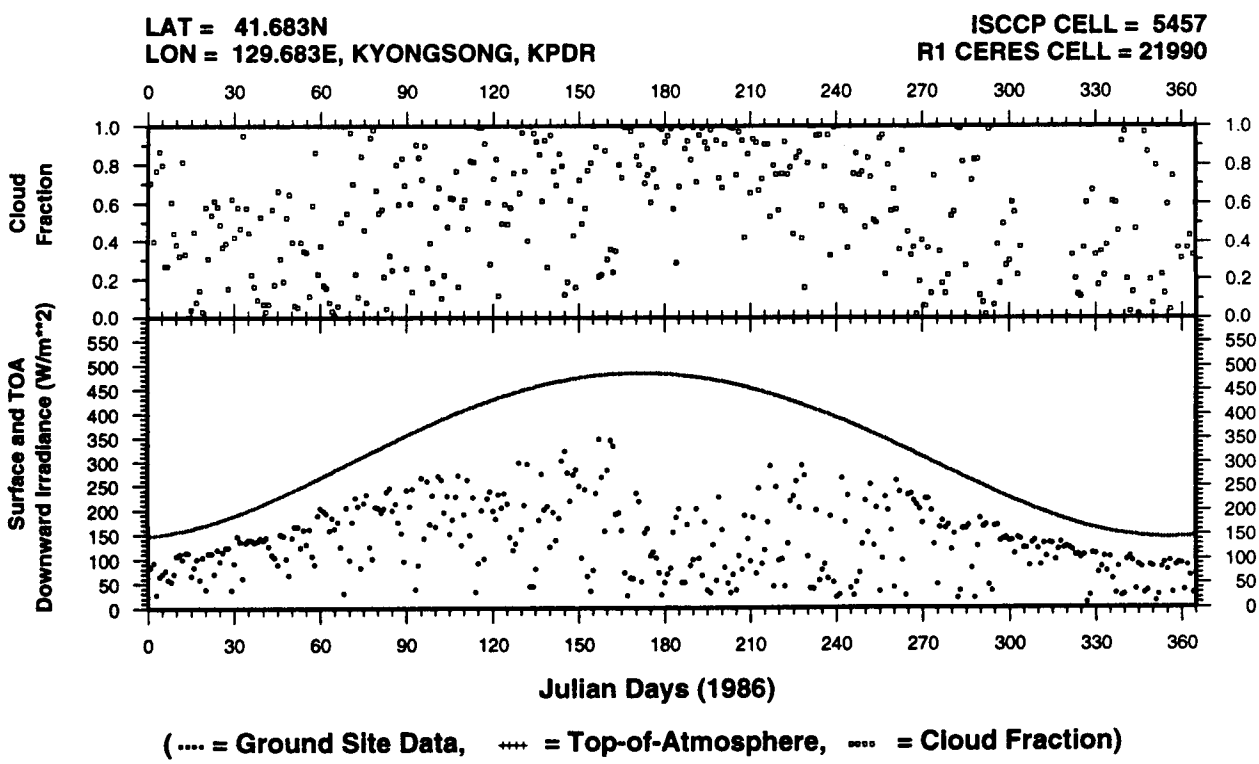


Figure D35. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KYONGSONG, KPDR.

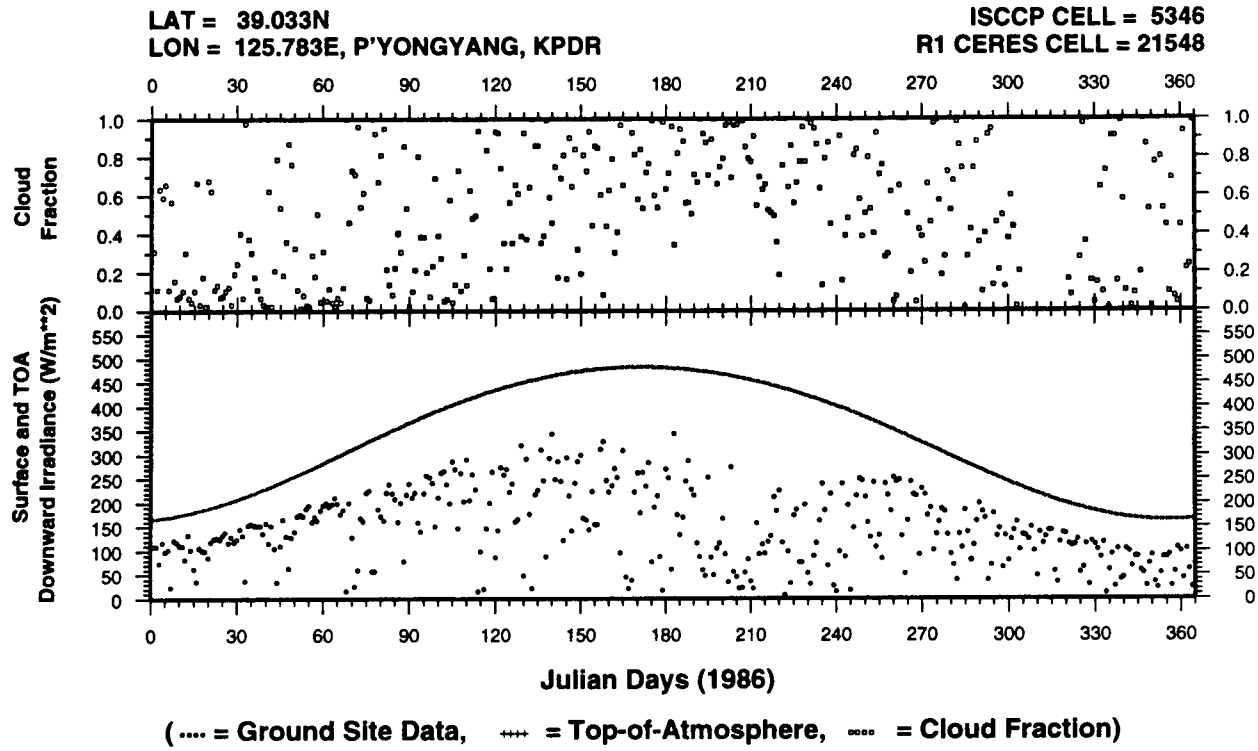


Figure D36. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for P'YONGYANG, KPDR.

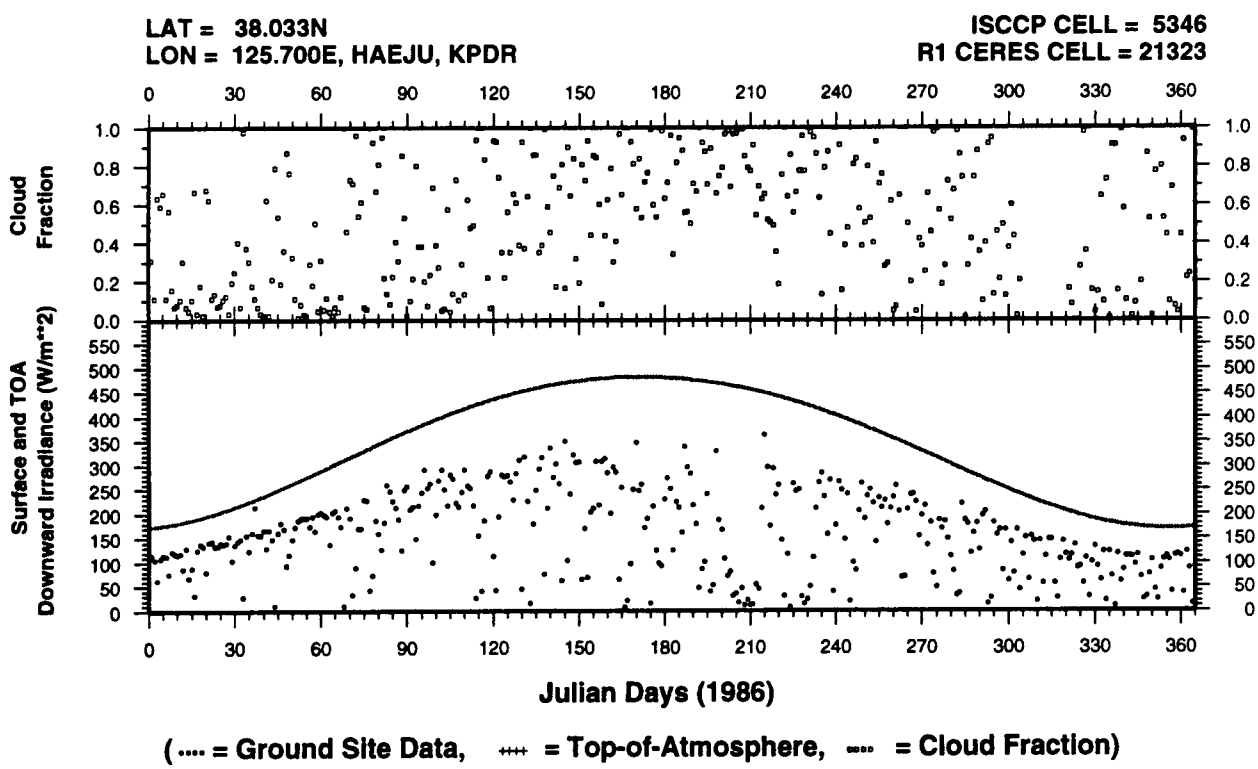
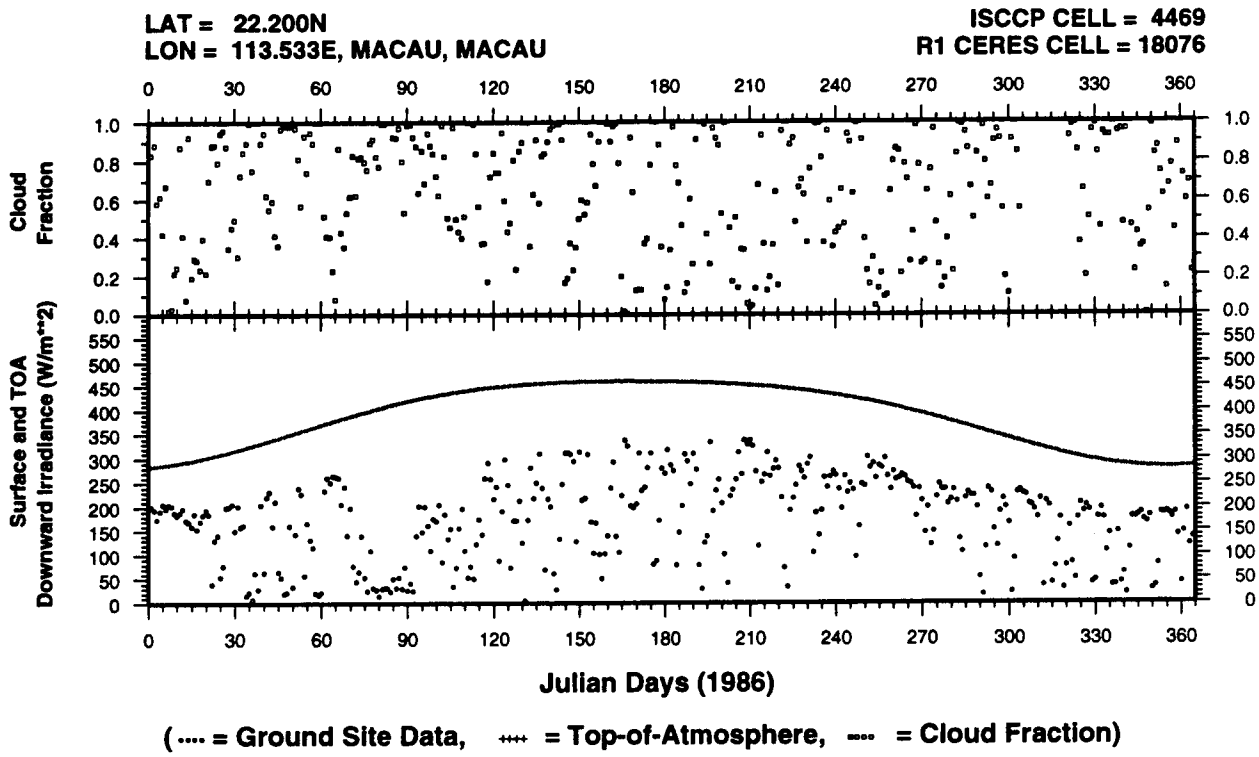
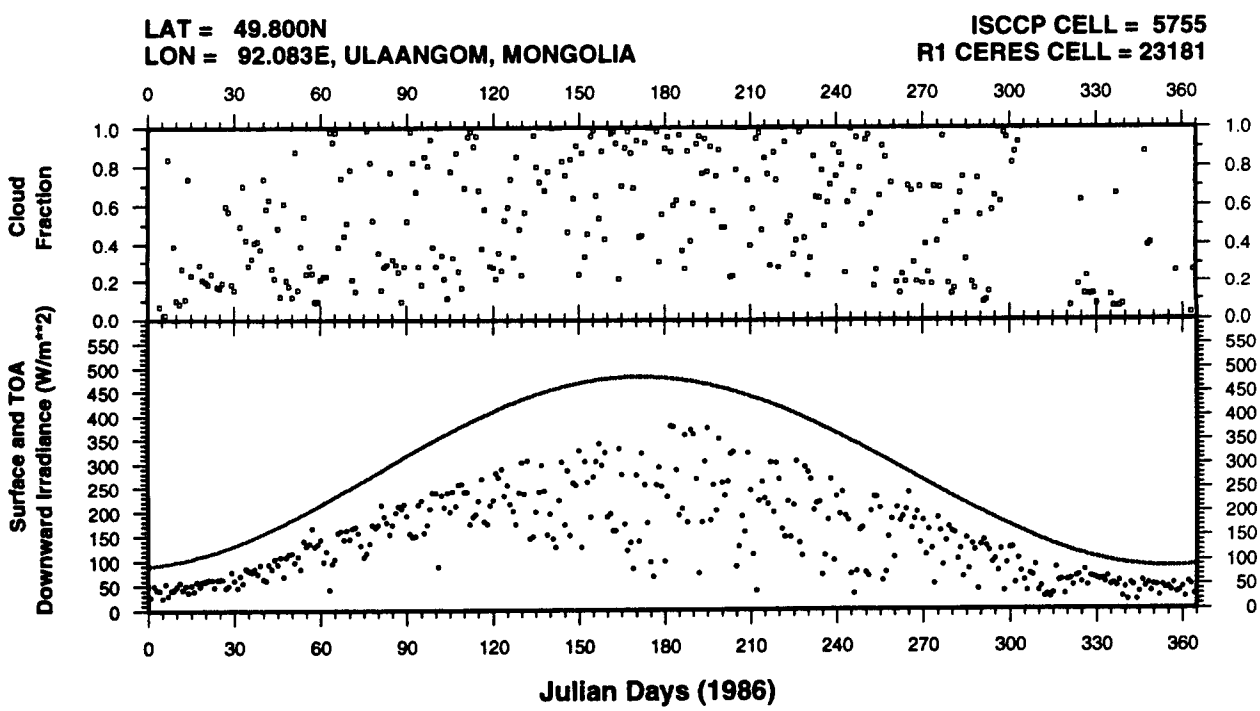


Figure D37. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HAEJU, KPDR.



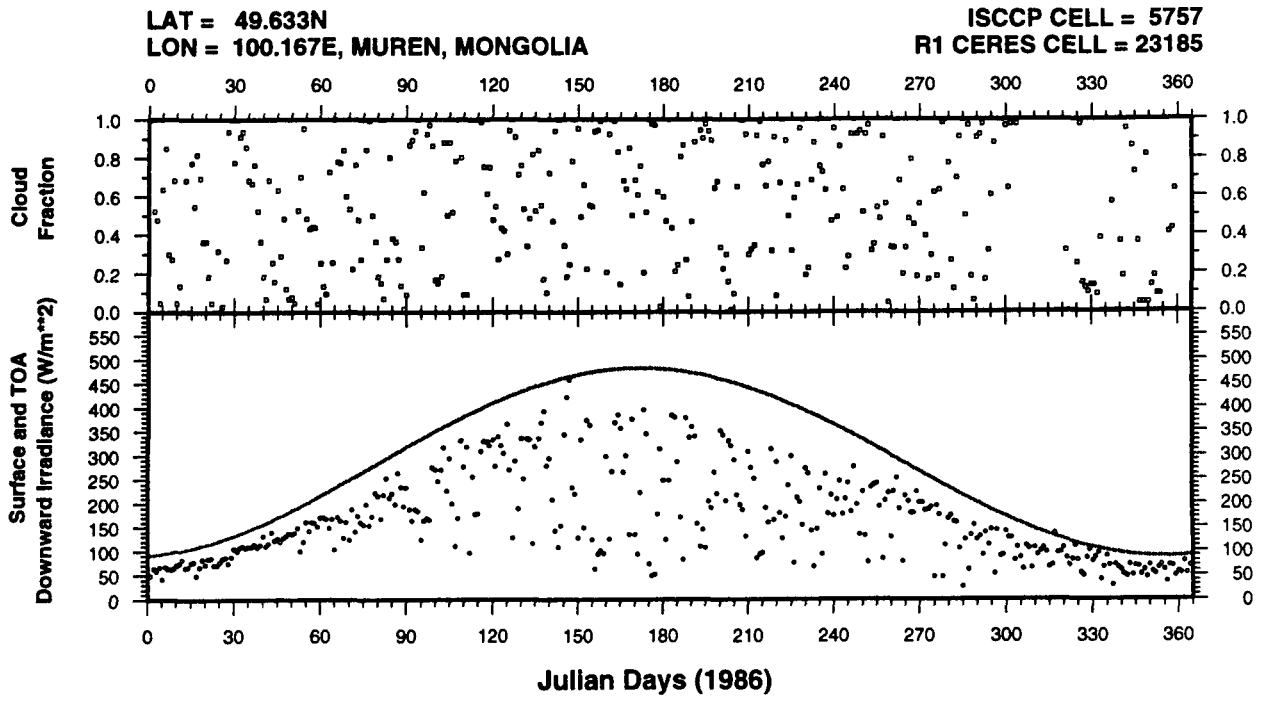
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D38. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MACAU, MACAU.



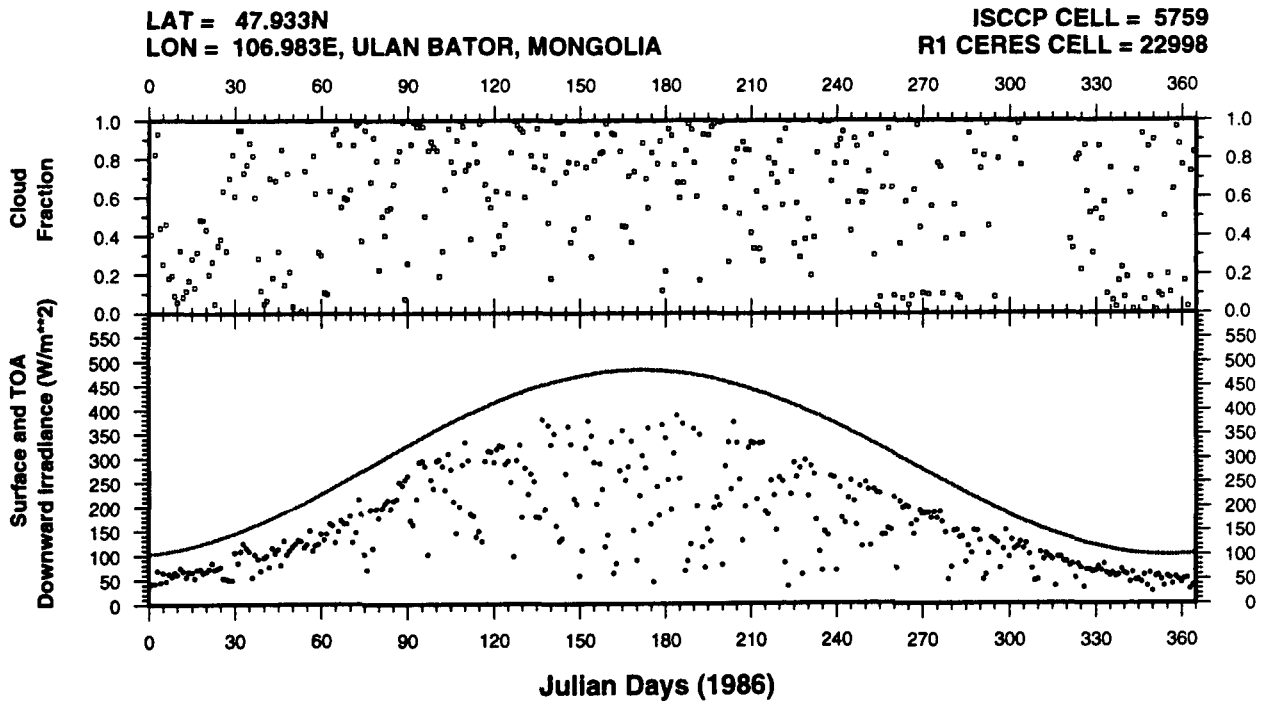
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D39. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ULAANGOM, MONGOLIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ∞∞∞ = Cloud Fraction)

Figure D40. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MUREN, MONGOLIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ∞∞∞ = Cloud Fraction)

Figure D41. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ULAN BATOR, MONGOLIA.

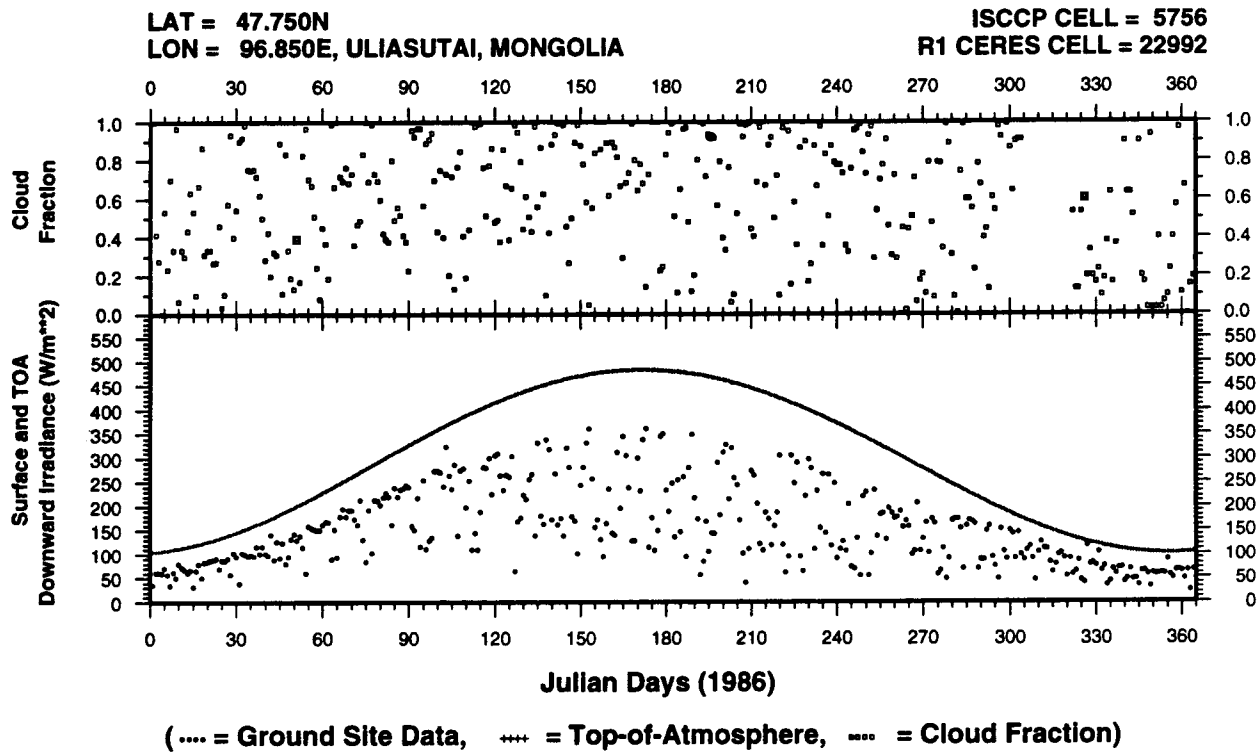


Figure D42. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ULIASUTAI, MONGOLIA.

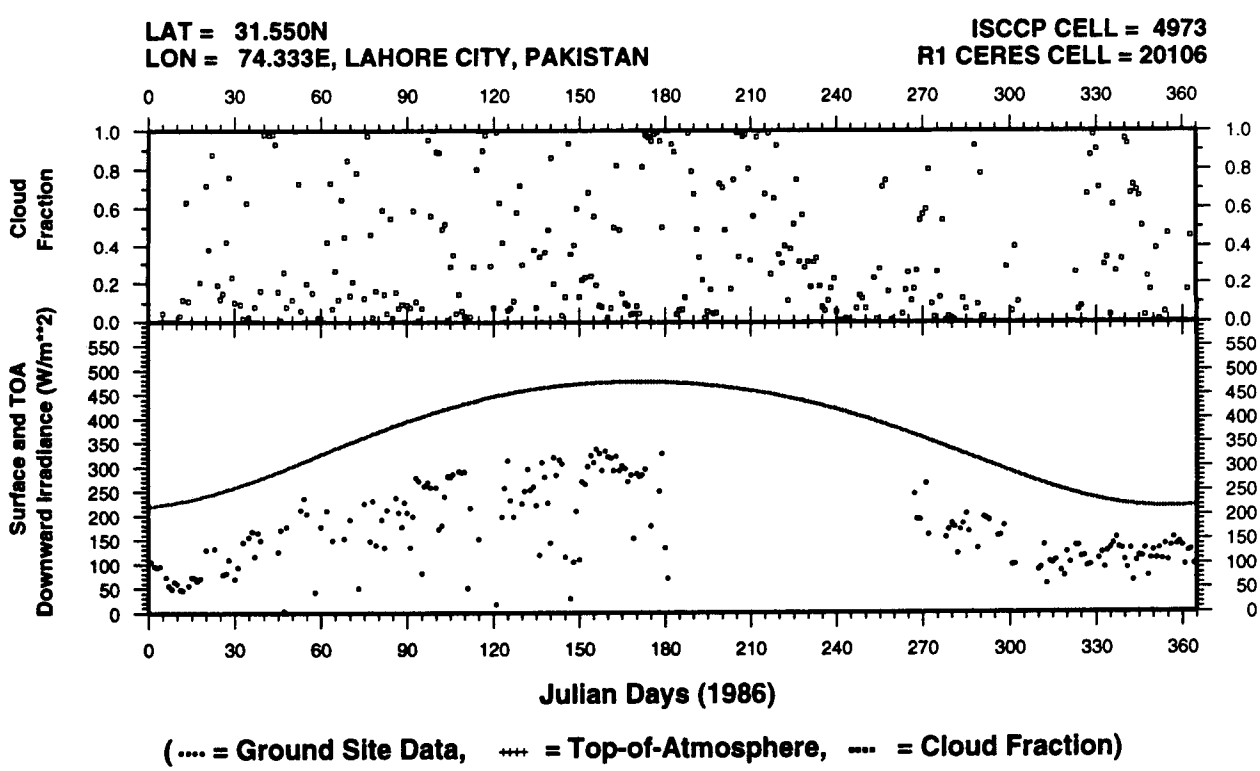


Figure D43. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LAHORE CITY, PAKISTAN.

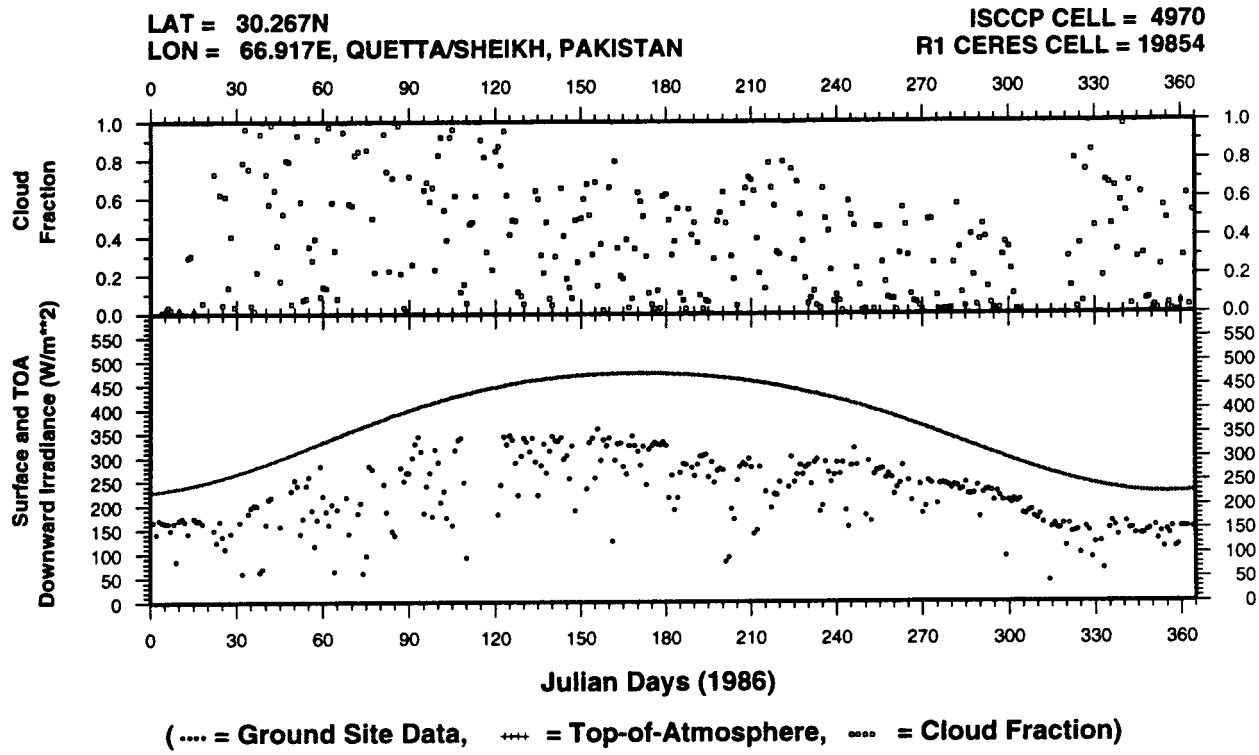


Figure D44. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for QUETTA/SHEIKH, PAKISTAN.

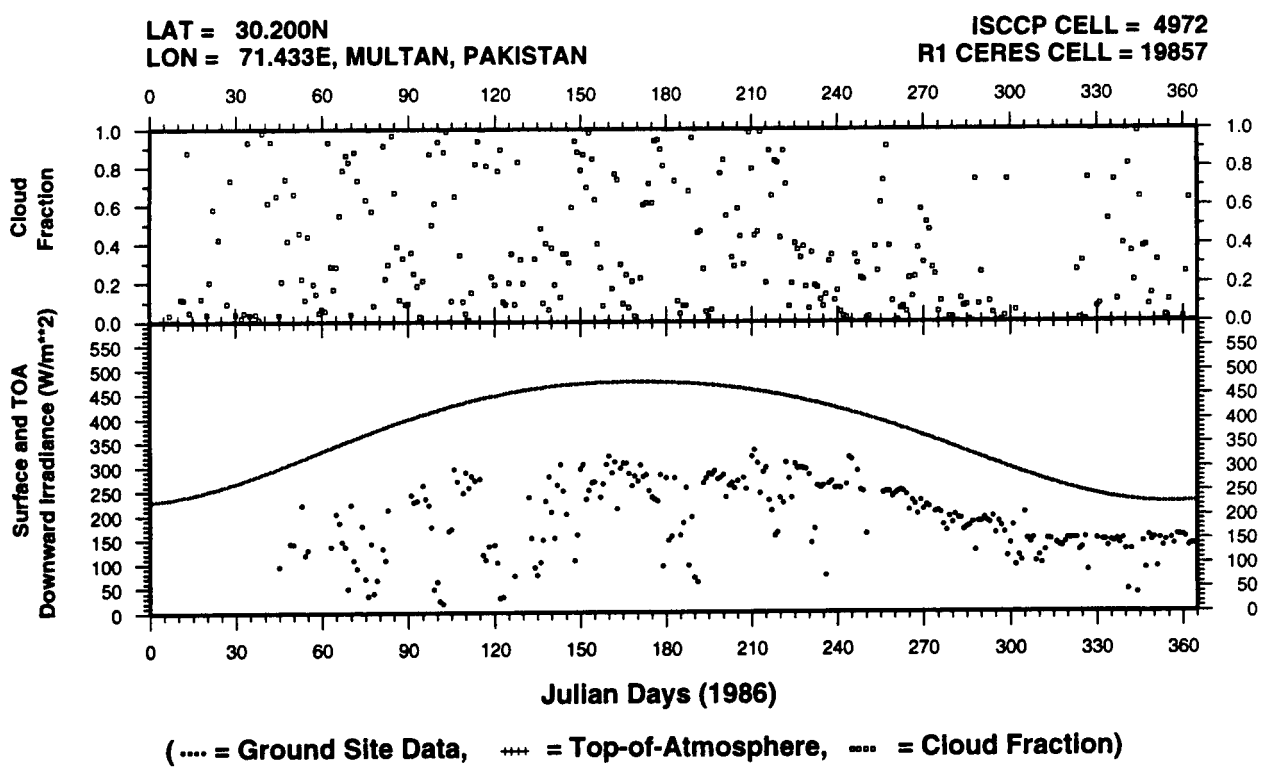
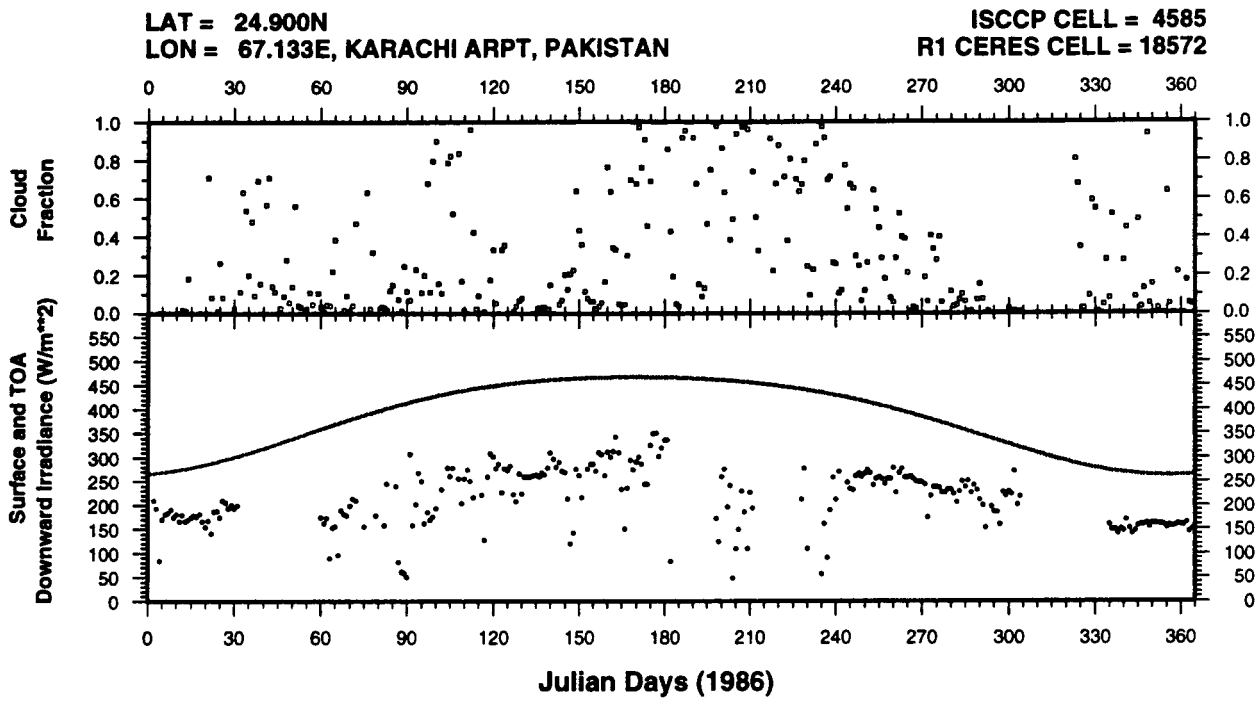
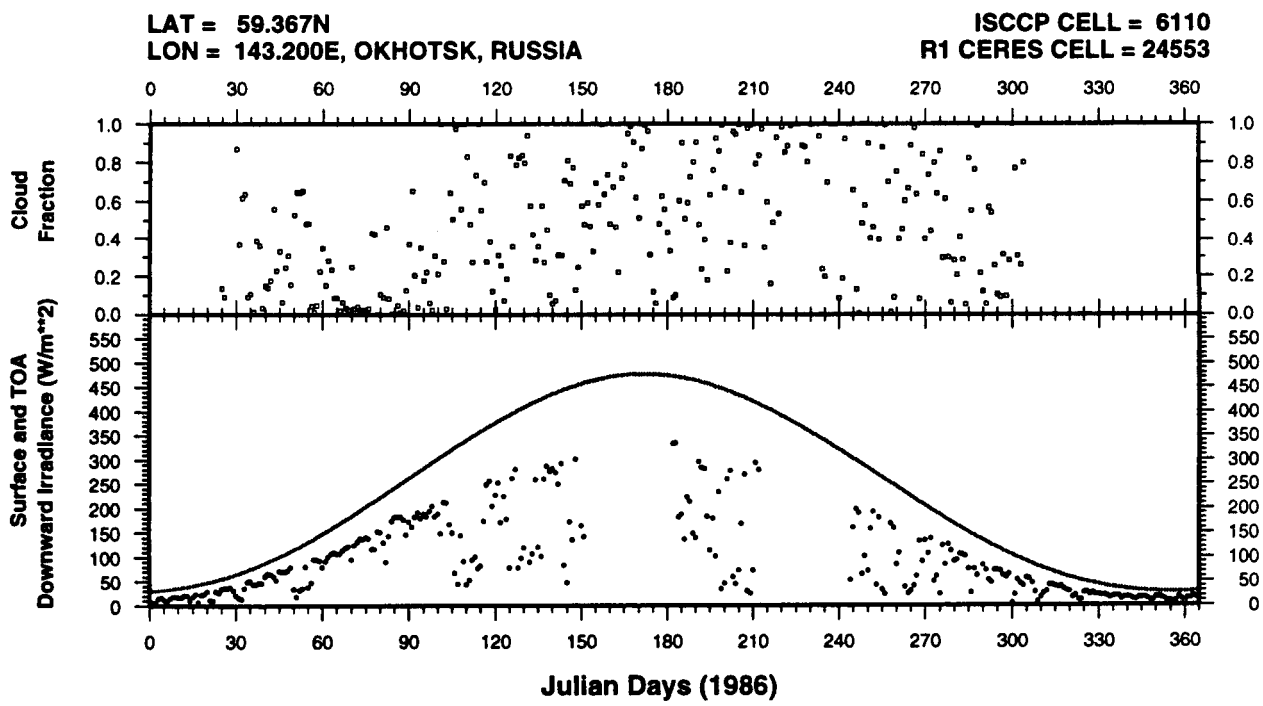


Figure D45. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MULTAN, PAKISTAN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D46. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KARACHI ARPT, PAKISTAN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D47. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OKHOTSK, RUSSIA.

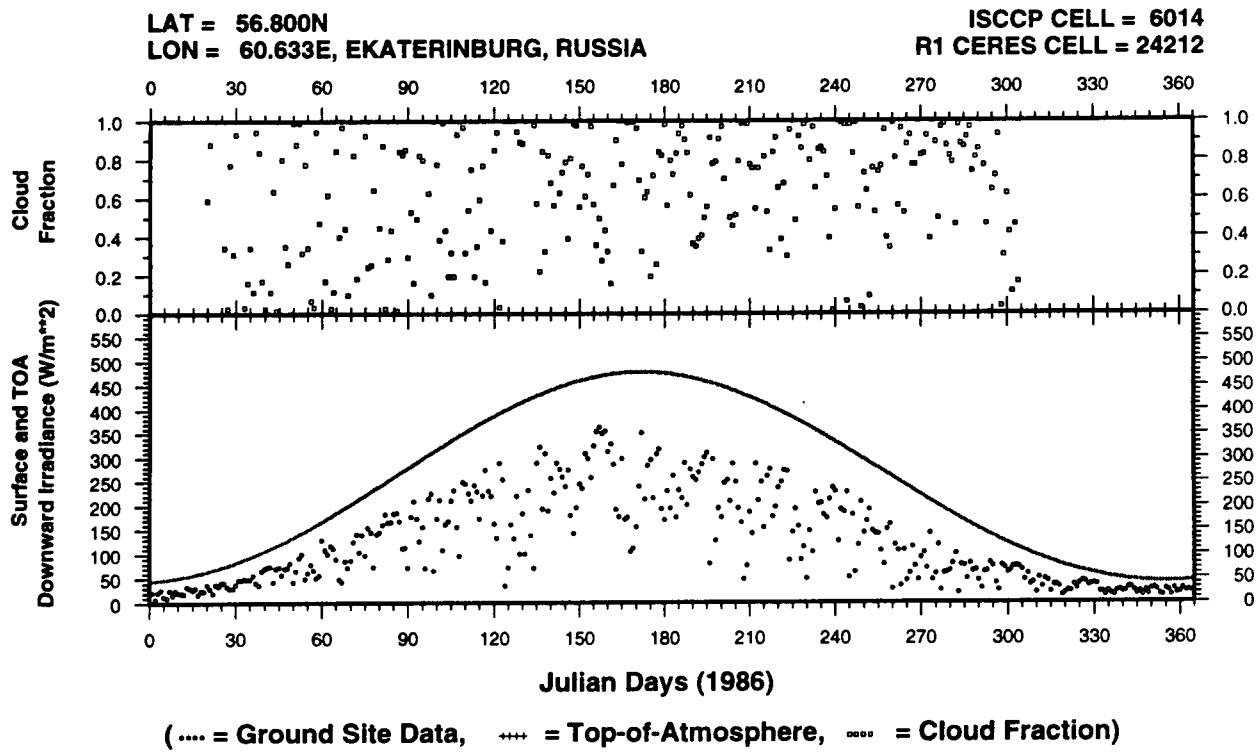


Figure D48. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EKATERINBURG, RUSSIA.

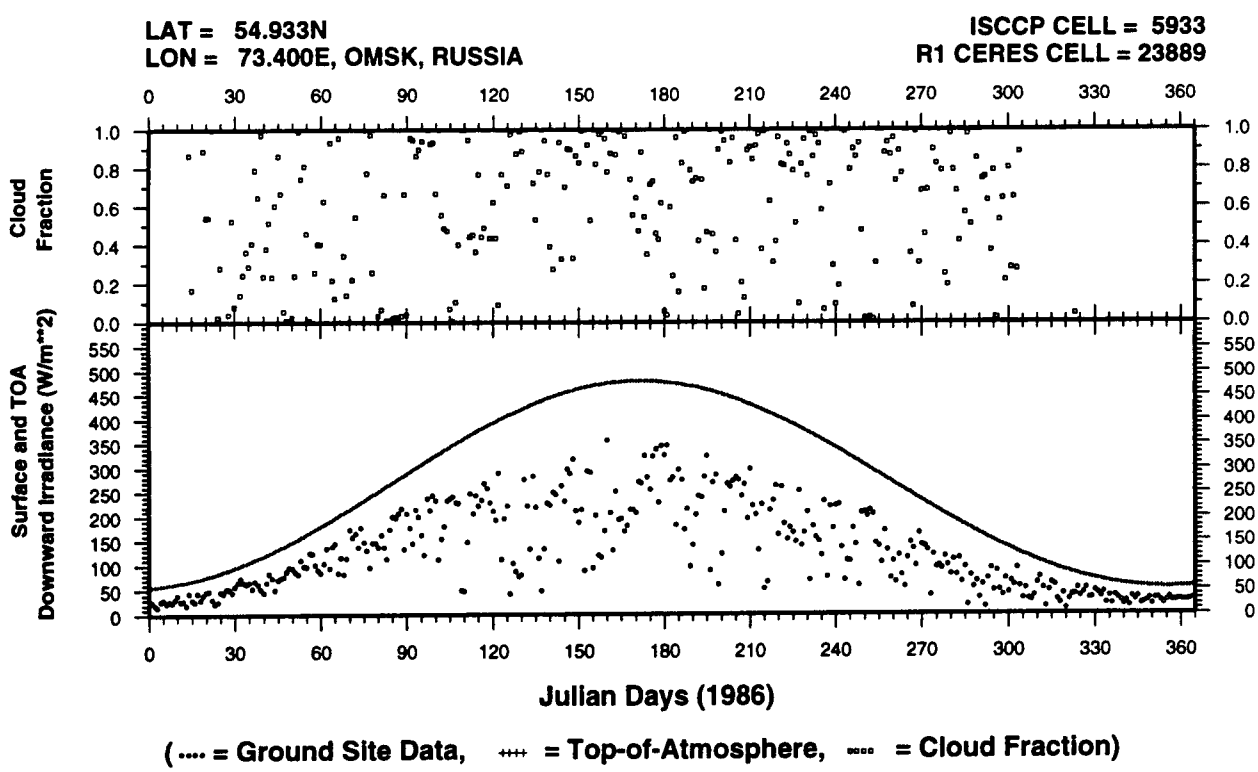


Figure D49. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OMSK, RUSSIA.

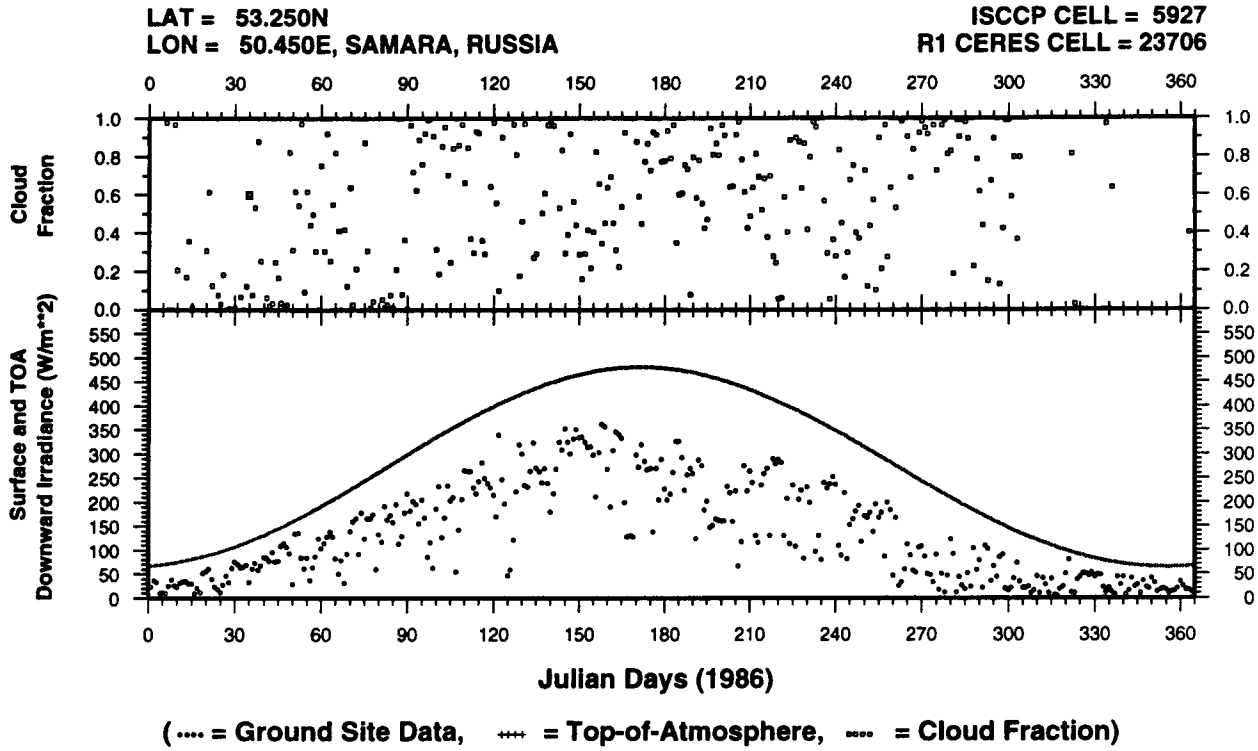


Figure D50. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SAMARA, RUSSIA.

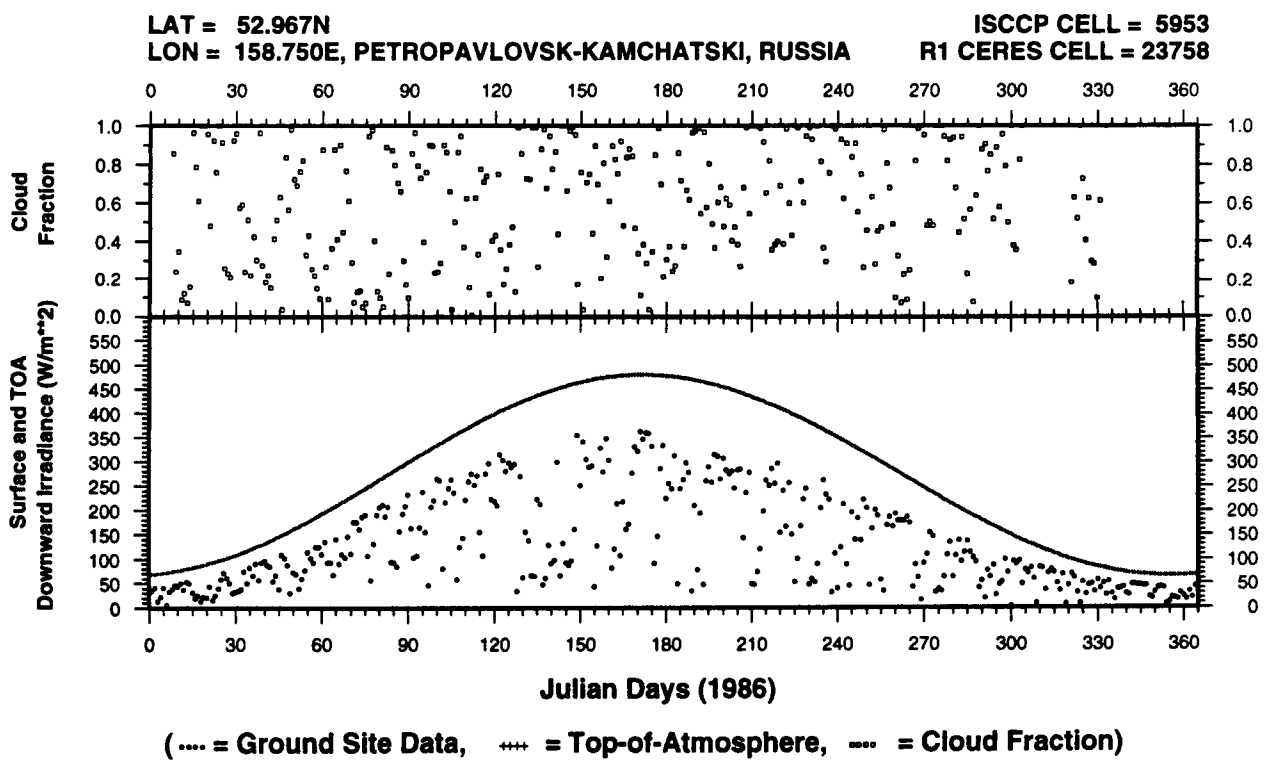
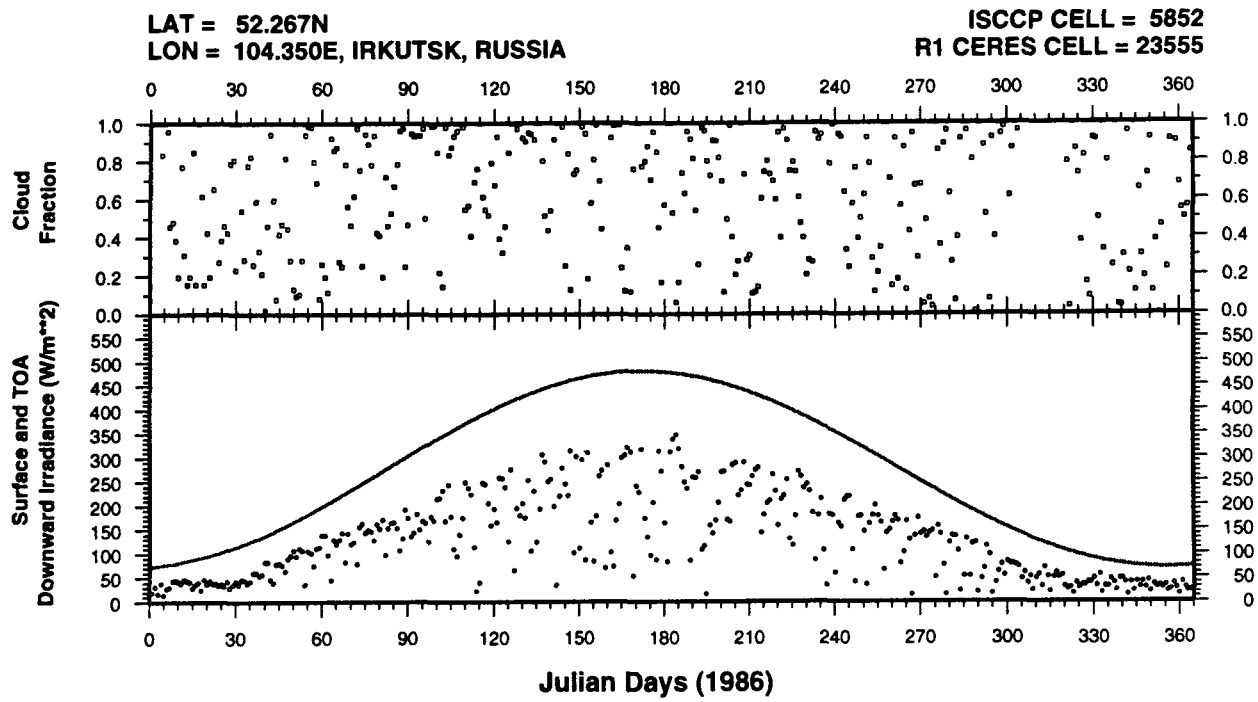
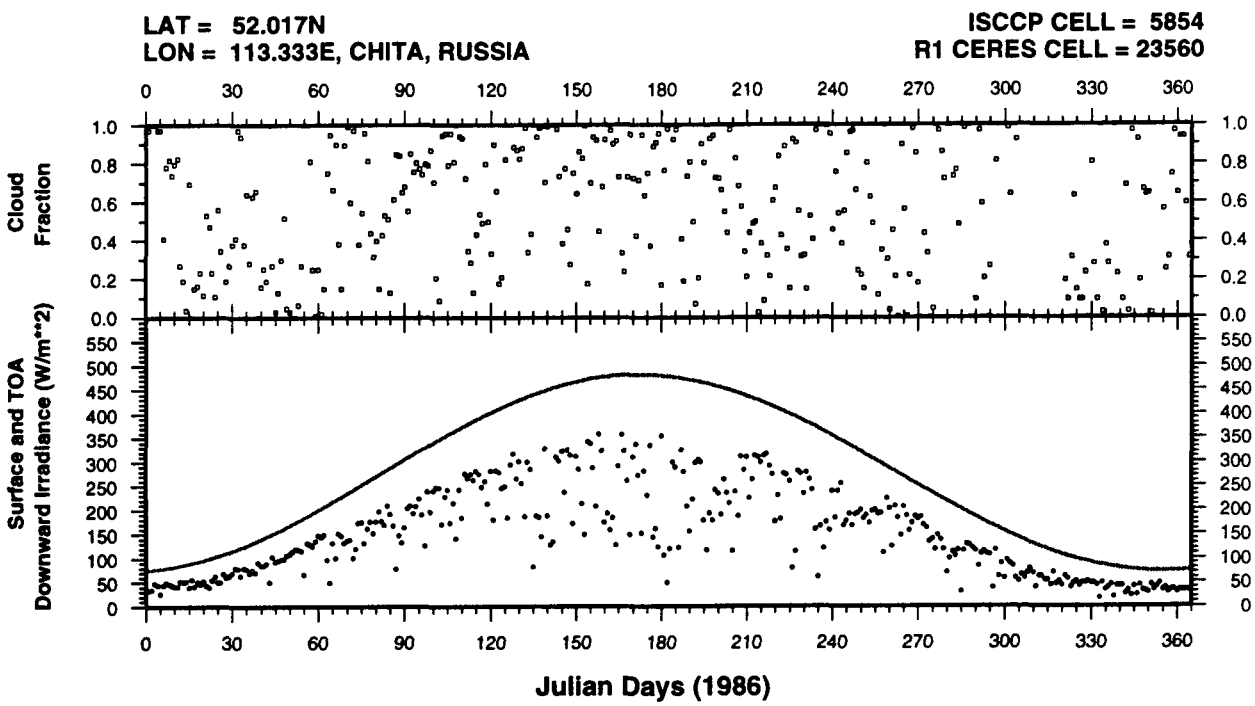


Figure D51. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PETROPAVLOVSK-KAMCHATSKI, RUSSIA.



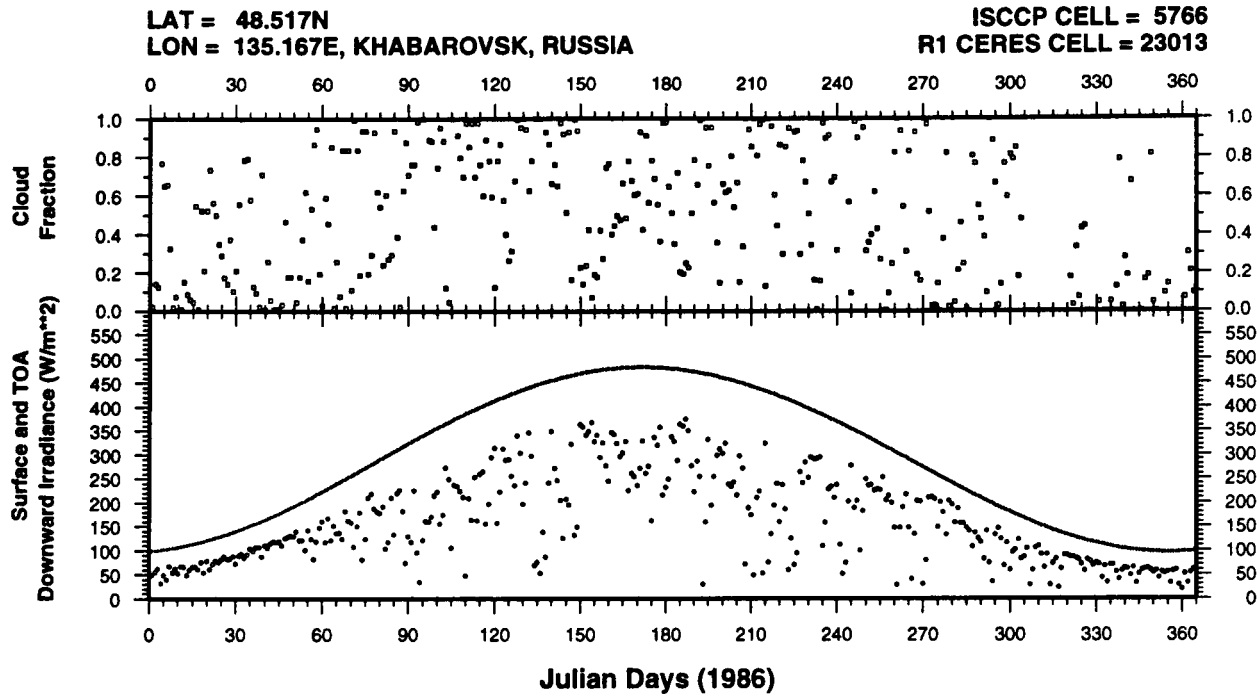
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D52. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for IRKUTSK, RUSSIA.



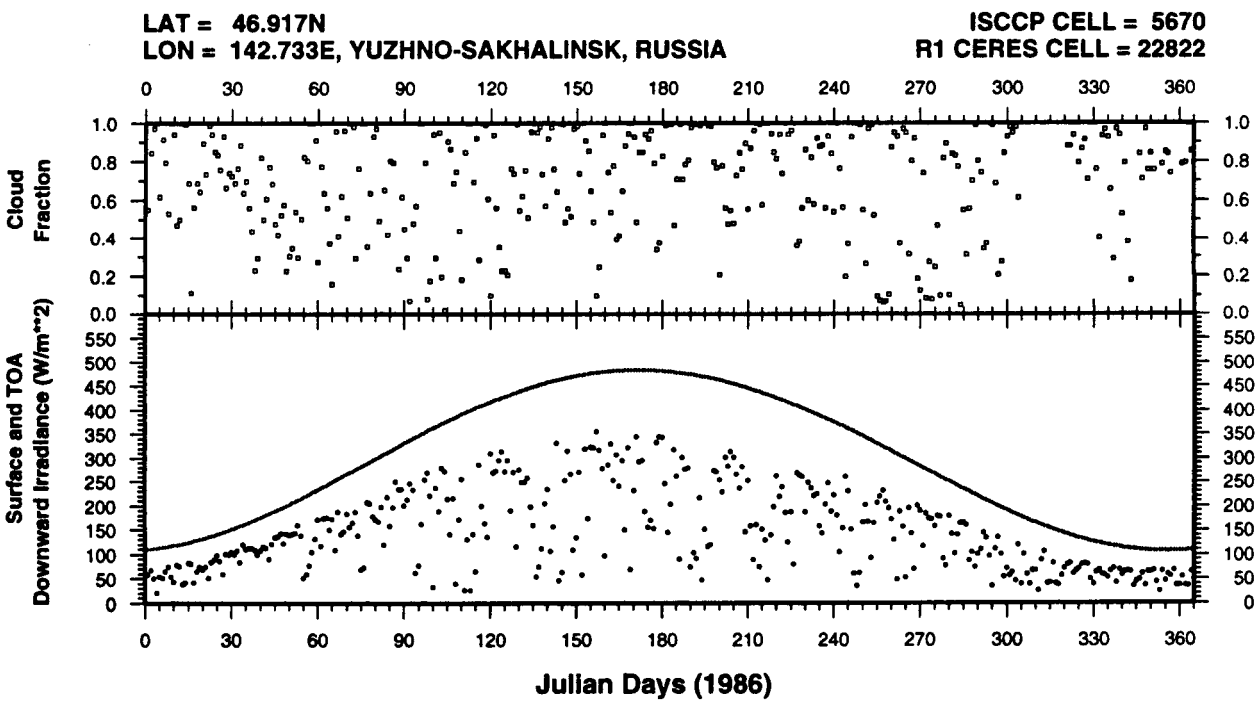
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D53. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHITA, RUSSIA.



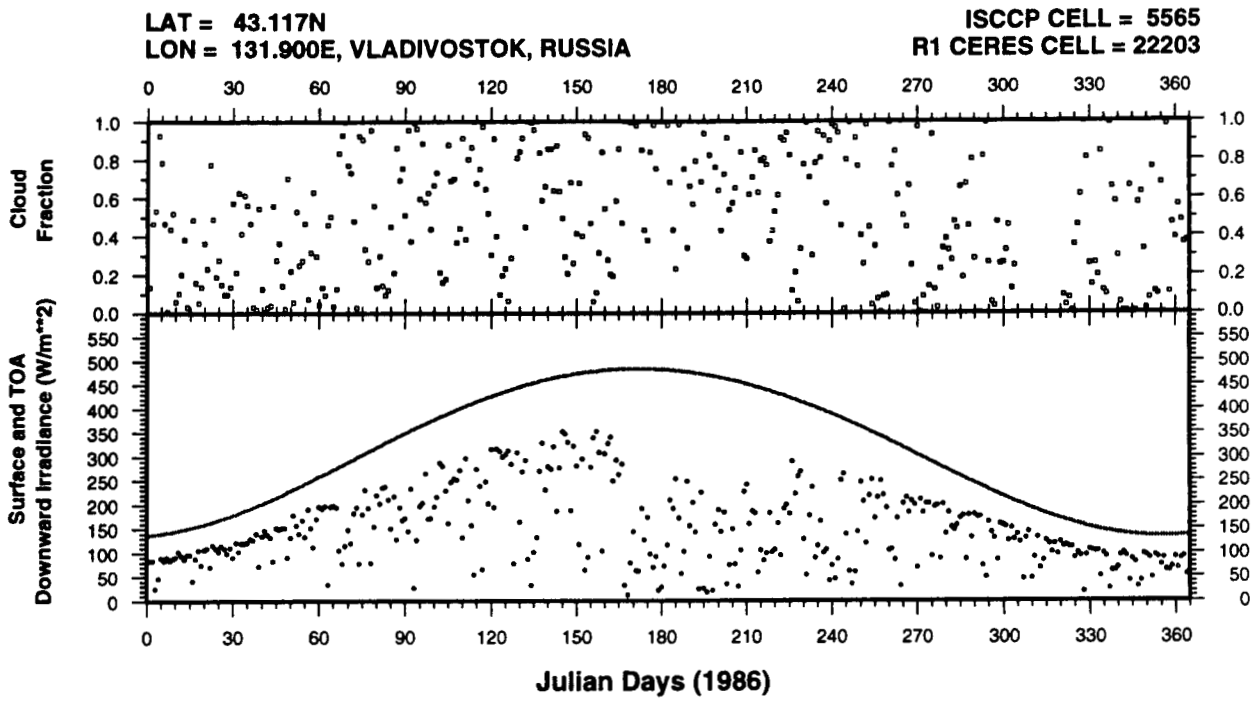
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D54. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KHABAROVSK, RUSSIA.



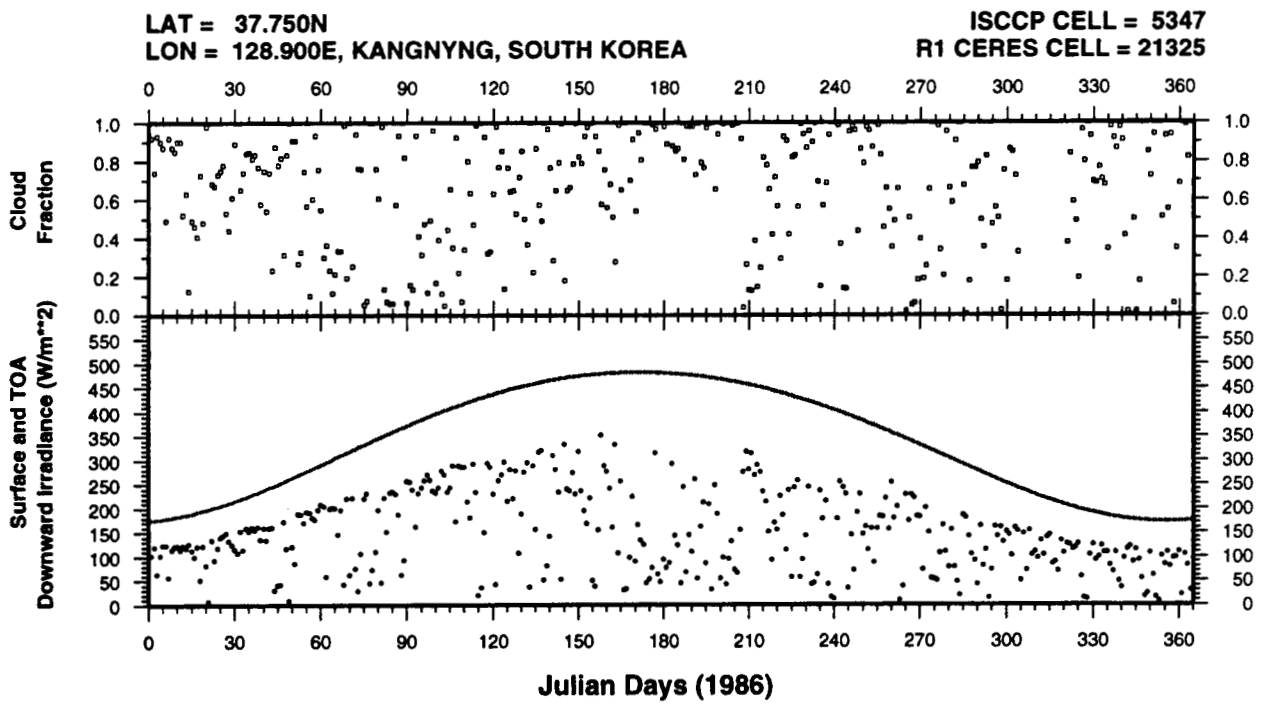
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D55. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for YUZHNO-SAKHALINSK, RUSSIA.



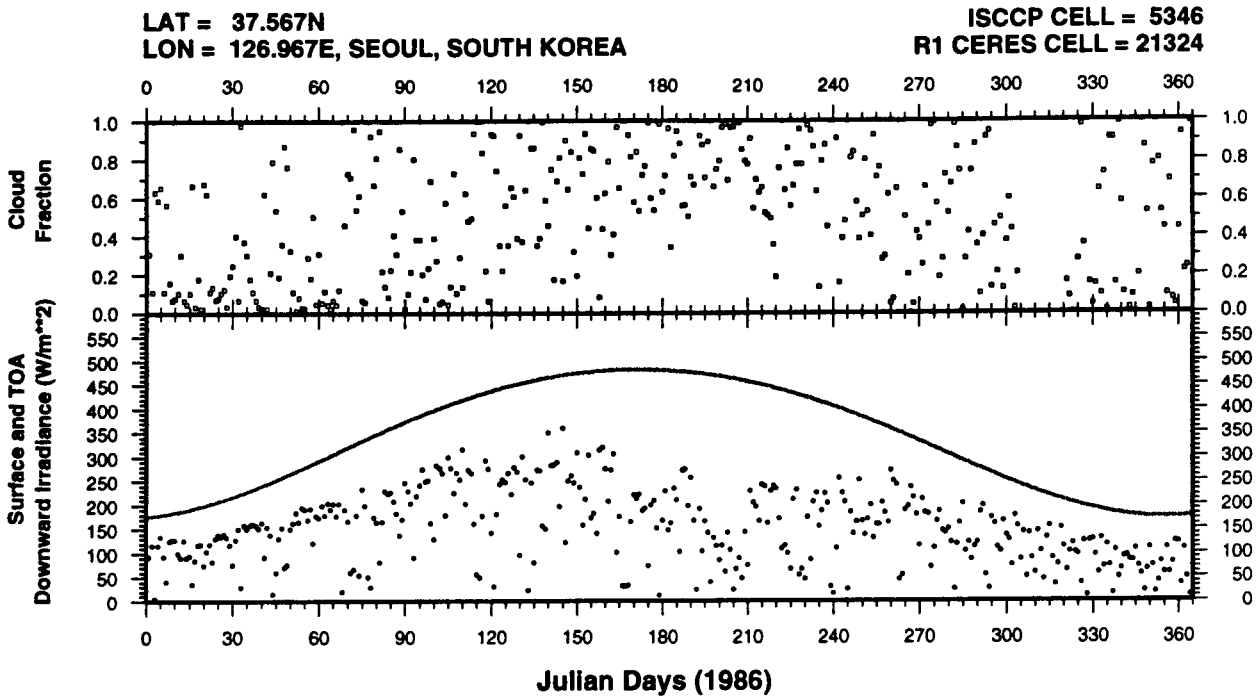
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D56. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VLADIVOSTOK, RUSSIA.



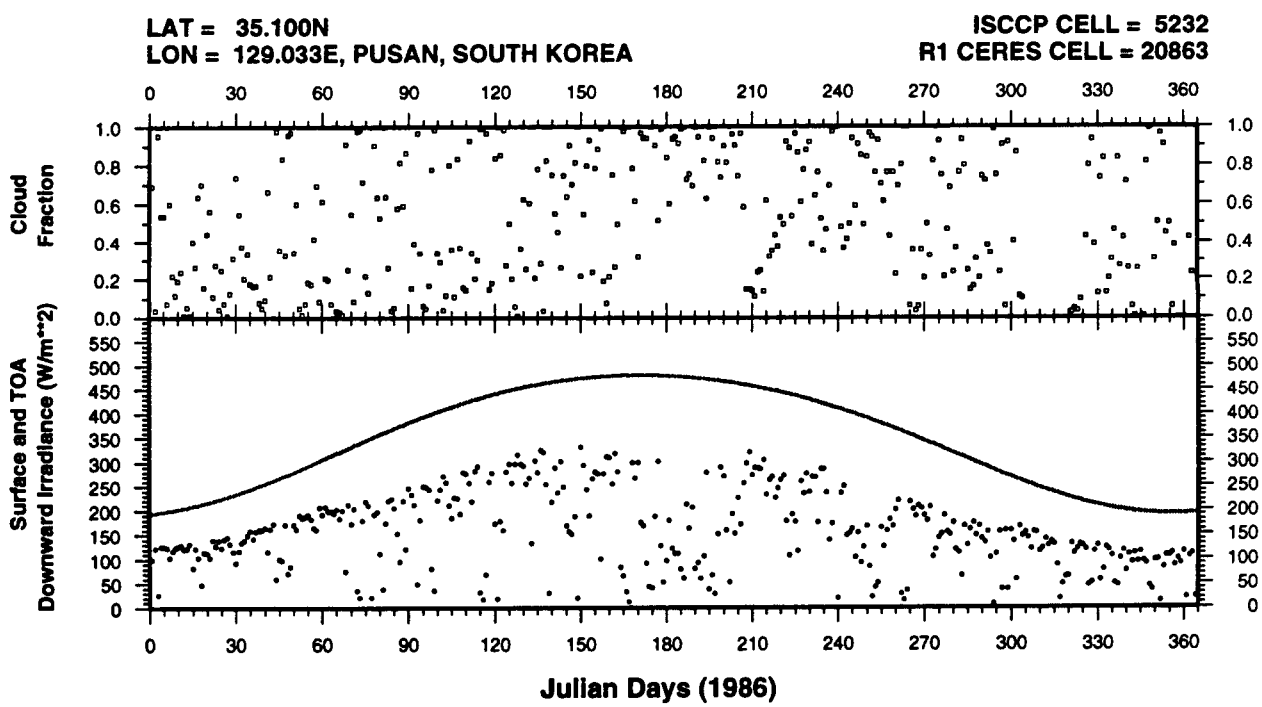
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D57. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KANGNYNG, SOUTH KOREA.



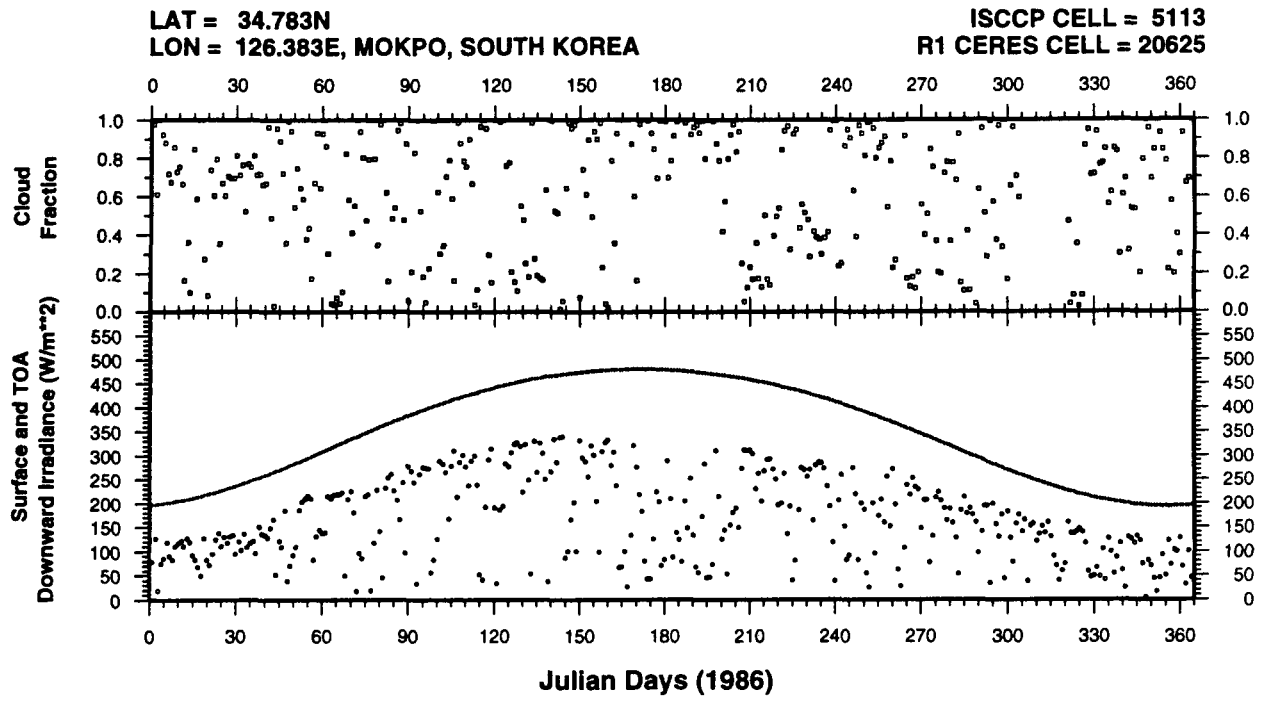
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D58. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SEOUL, SOUTH KOREA.



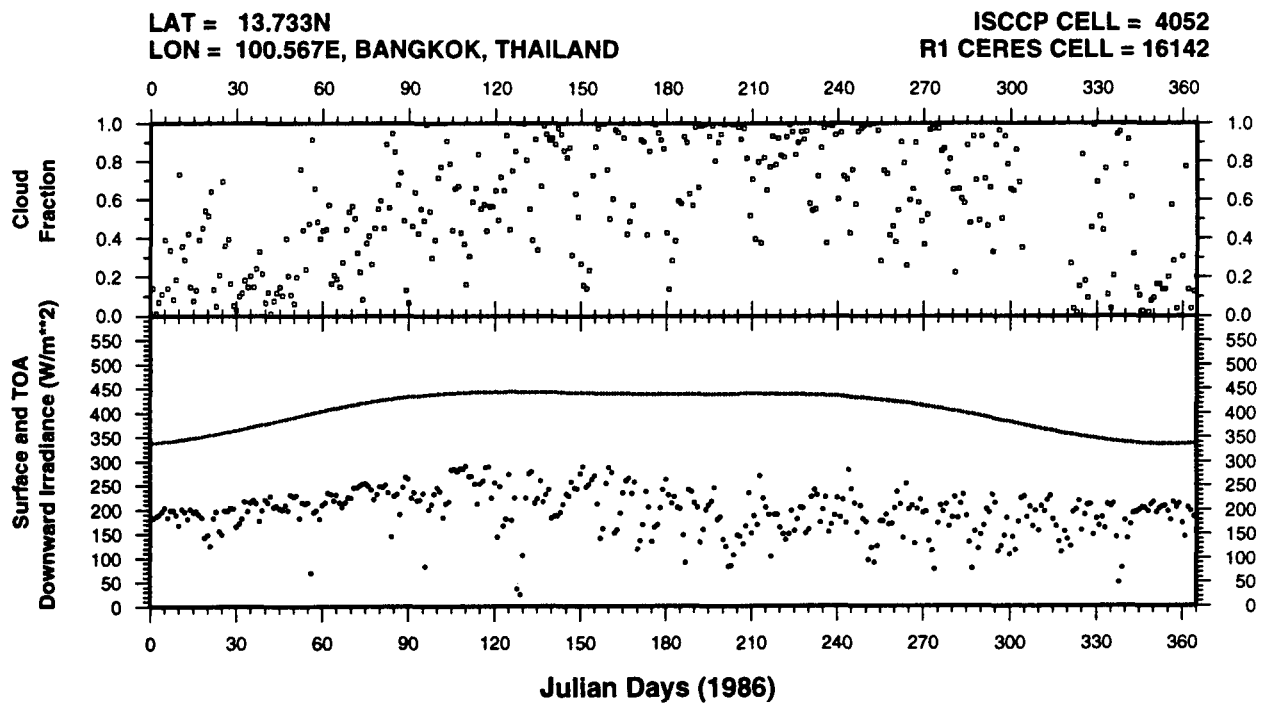
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D59. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PUSAN, SOUTH KOREA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D60. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOKPO, SOUTH KOREA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D61. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BANGKOK, THAILAND.

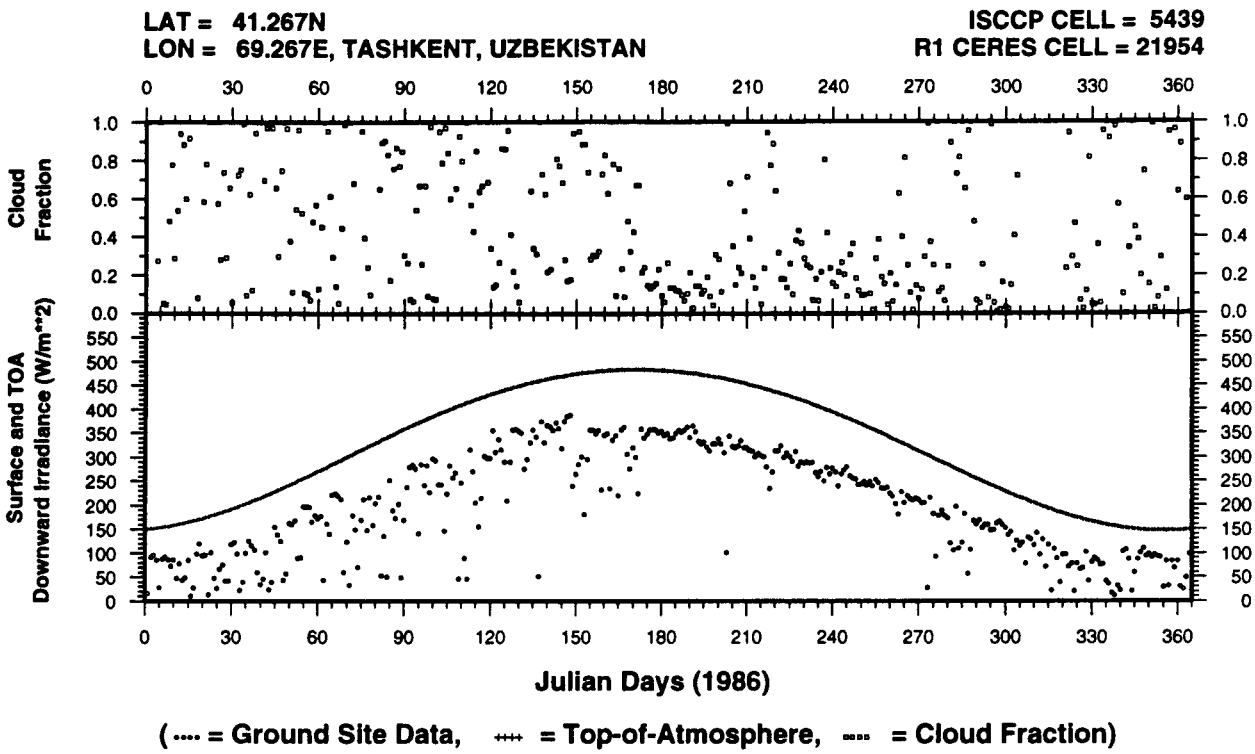


Figure D62. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TASHKENT, UZBEKISTAN.

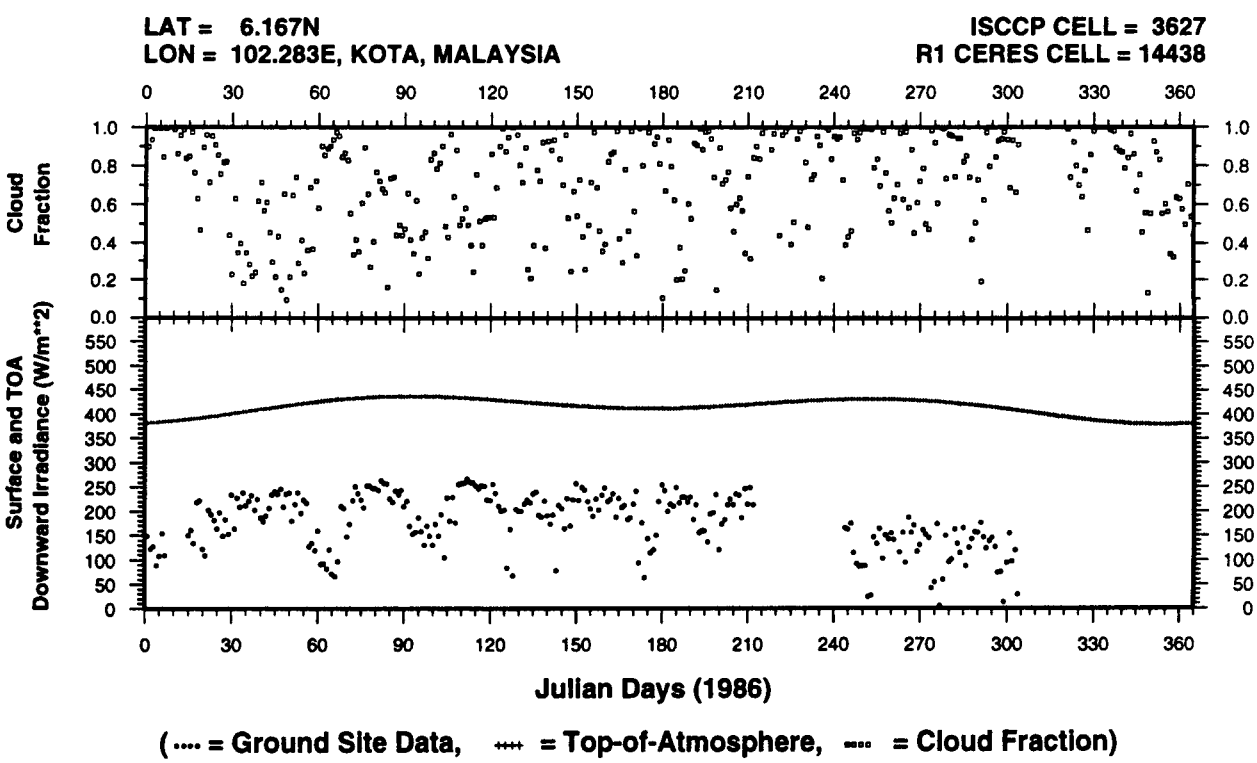


Figure D63. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KOTA, MALAYSIA.

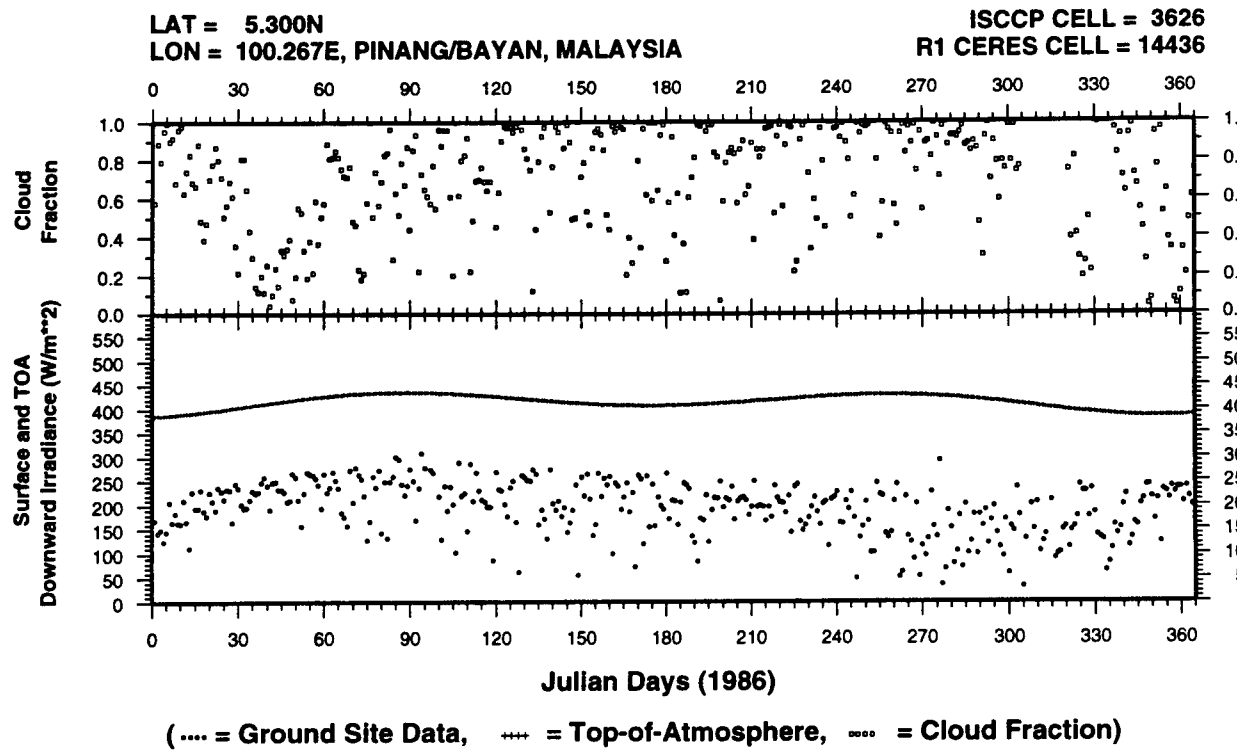


Figure D64. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PINANG/BAYAN, MALAYSIA.

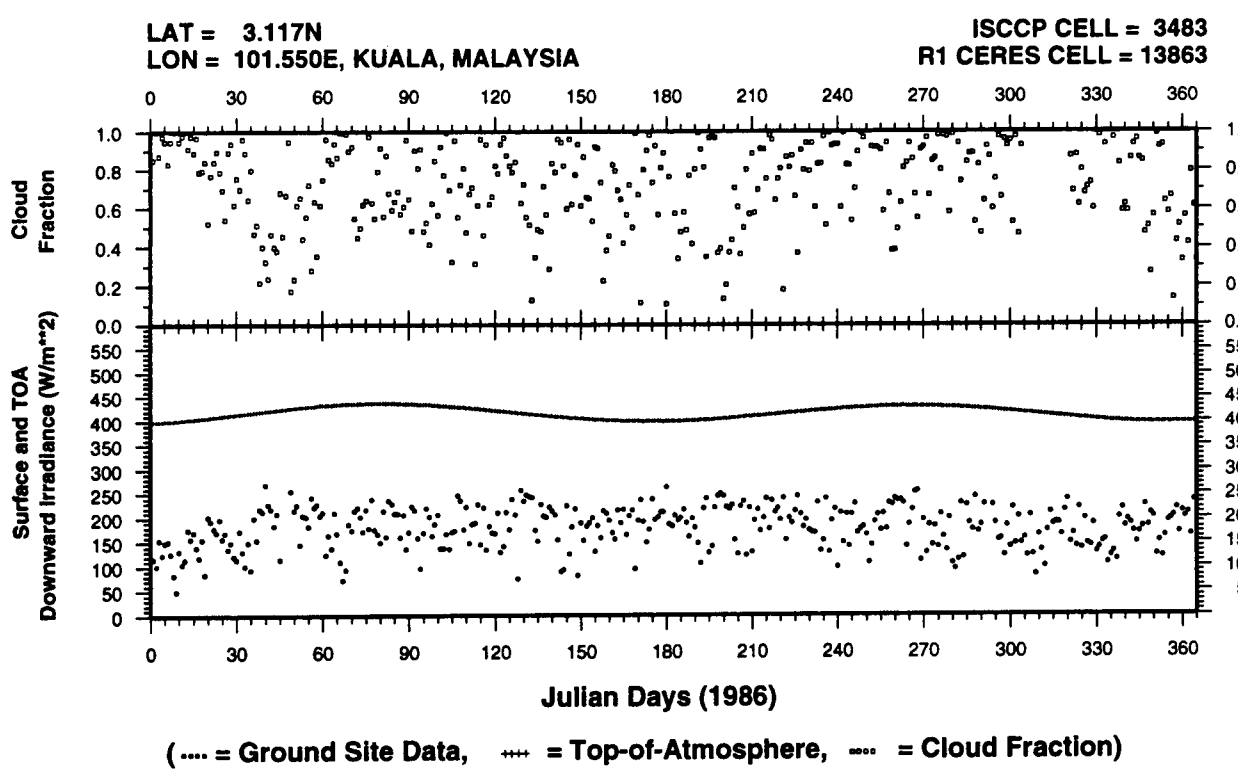
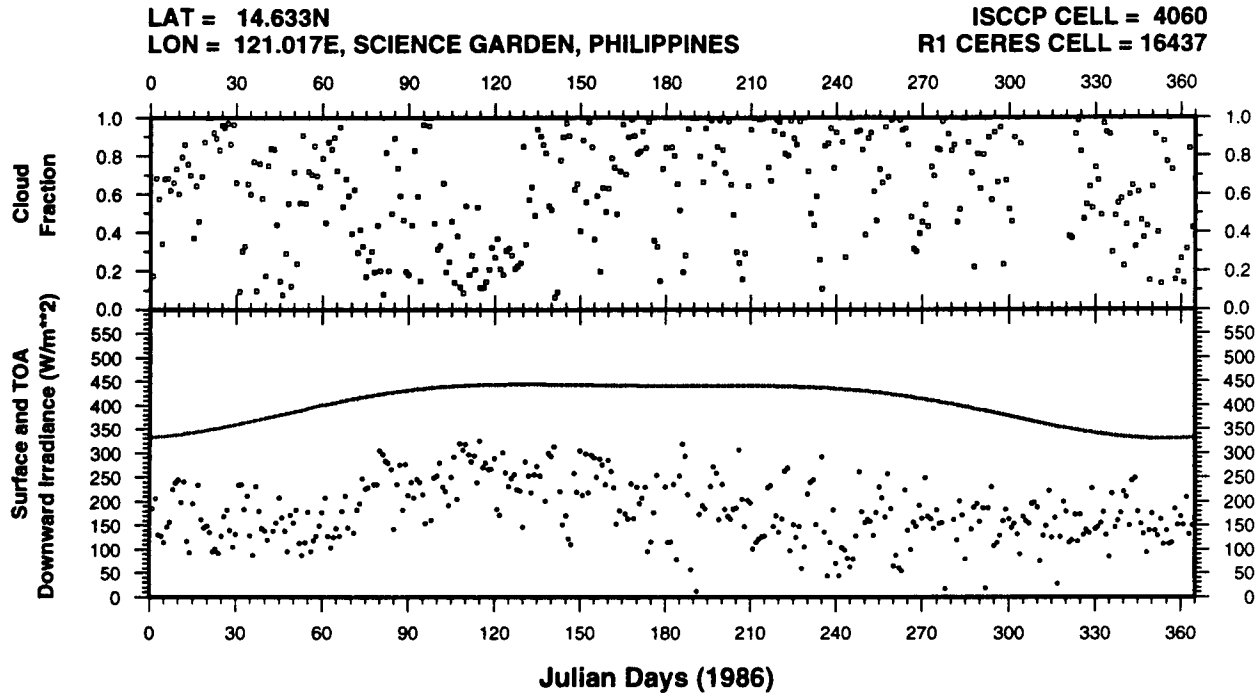
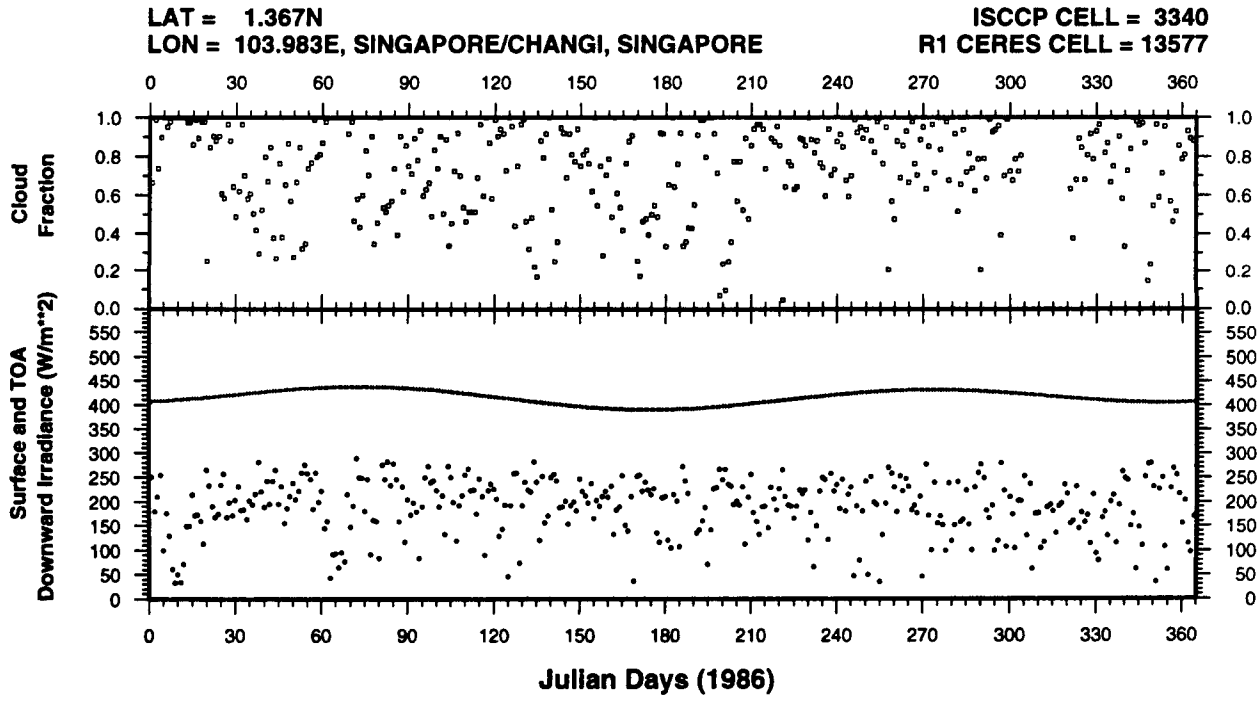


Figure D65. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KUALA, MALAYSIA.



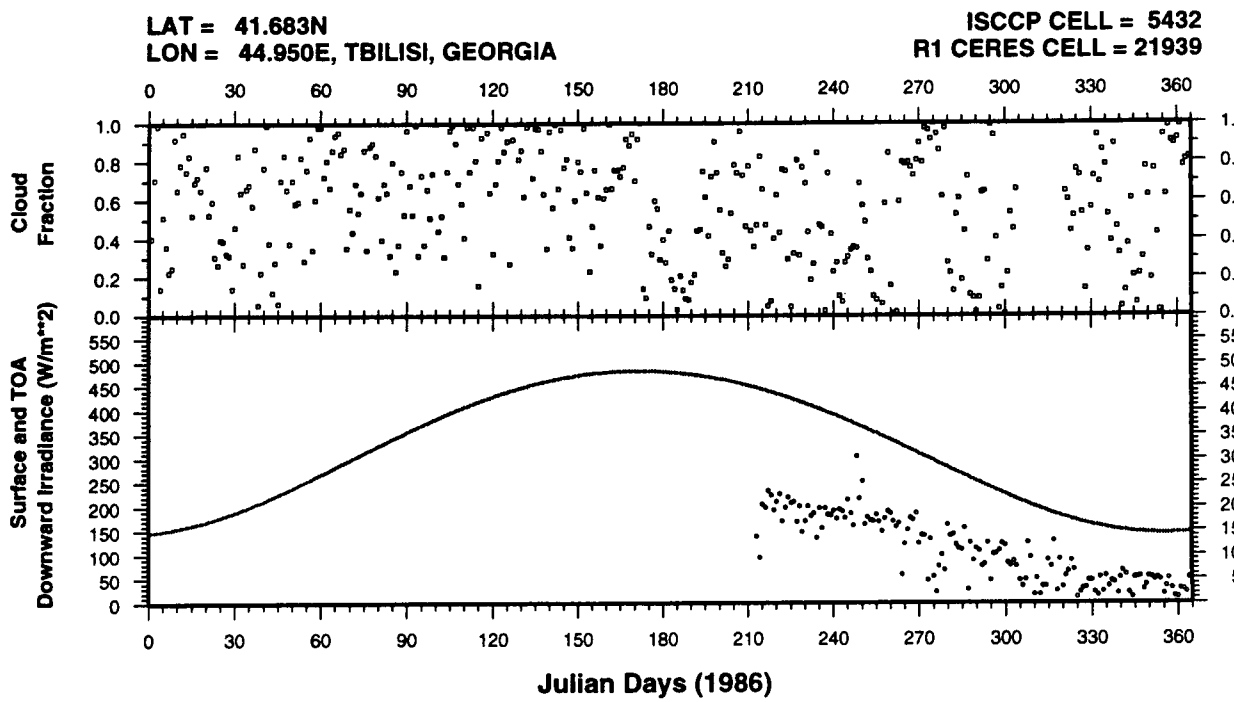
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D66. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SCIENCE GARDEN, PHILIPPINES.



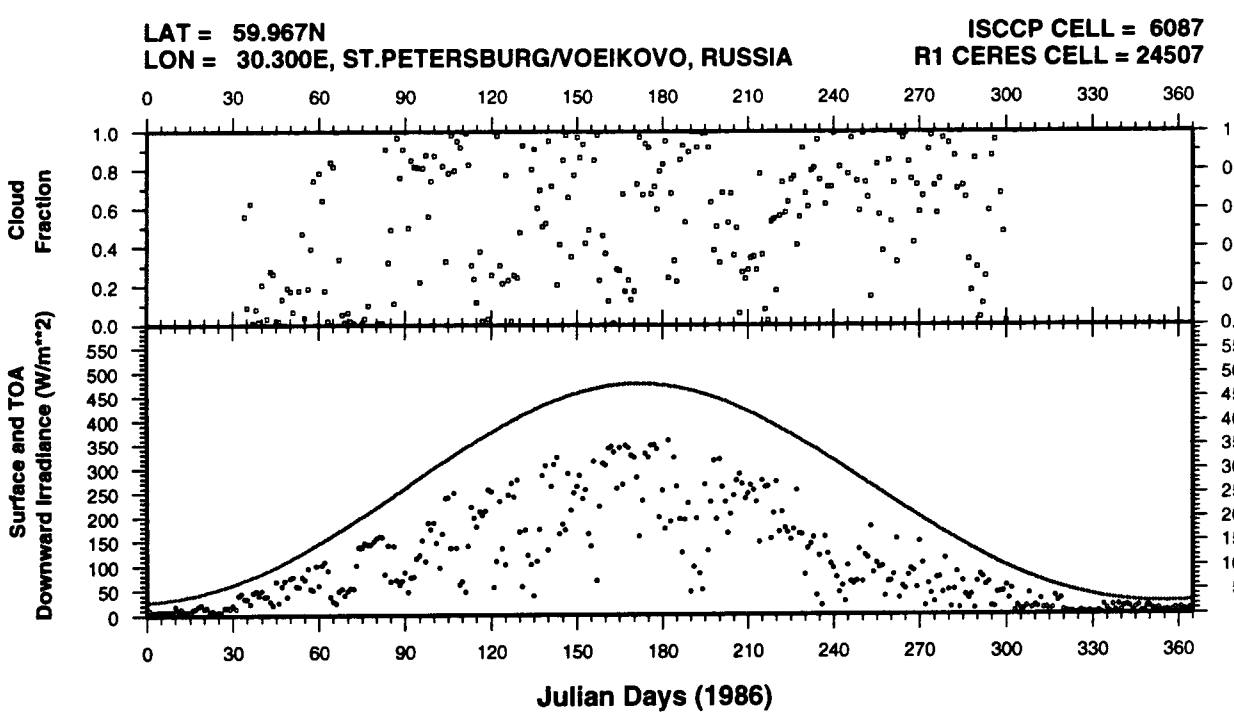
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D67. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SINGAPORE/CHANGI, SINGAPORE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D68. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TBILISI, GEORGIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D69. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ST.PETERSBURG/VOEIKOVO, RUSSIA.

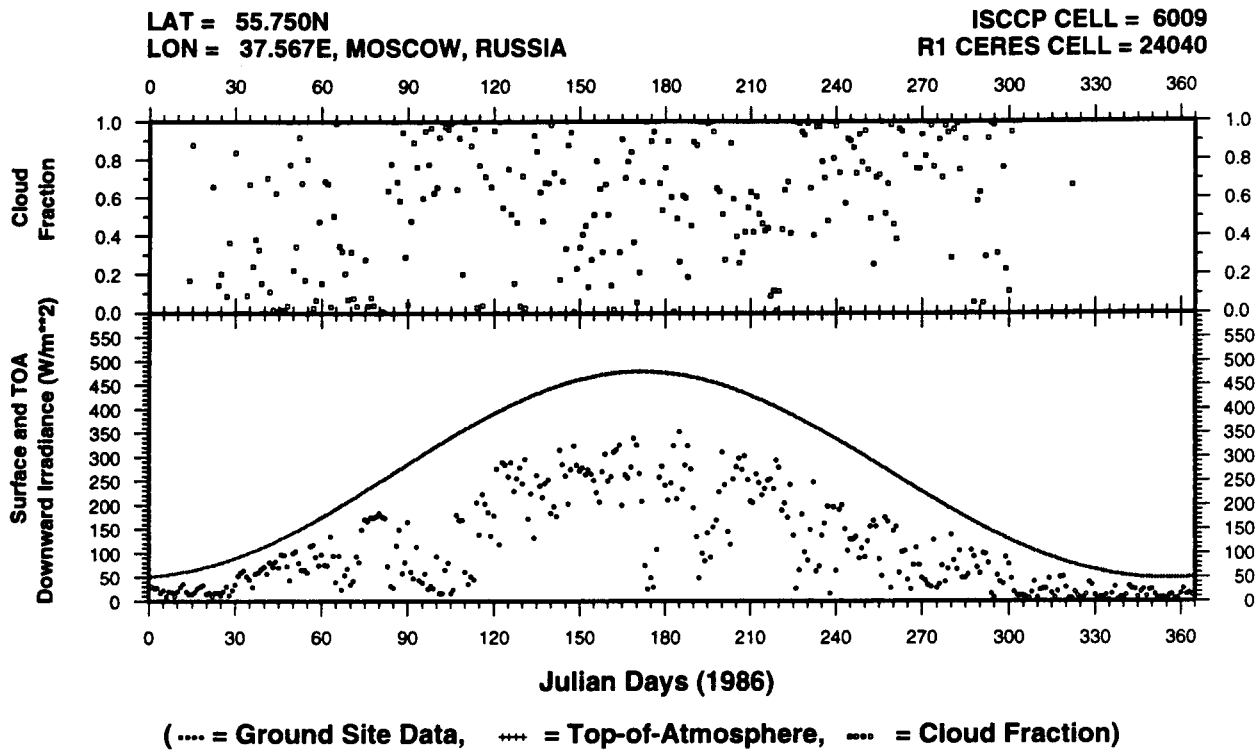


Figure D70. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOSCOW, RUSSIA.

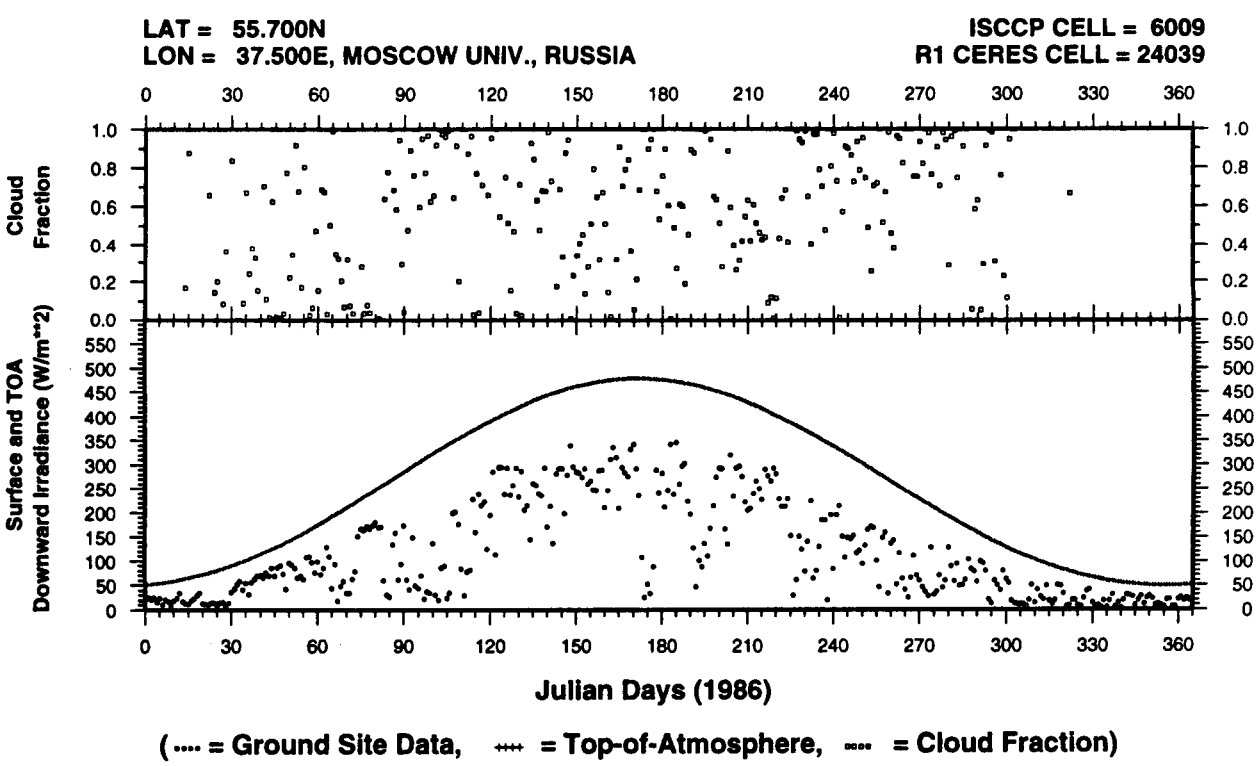
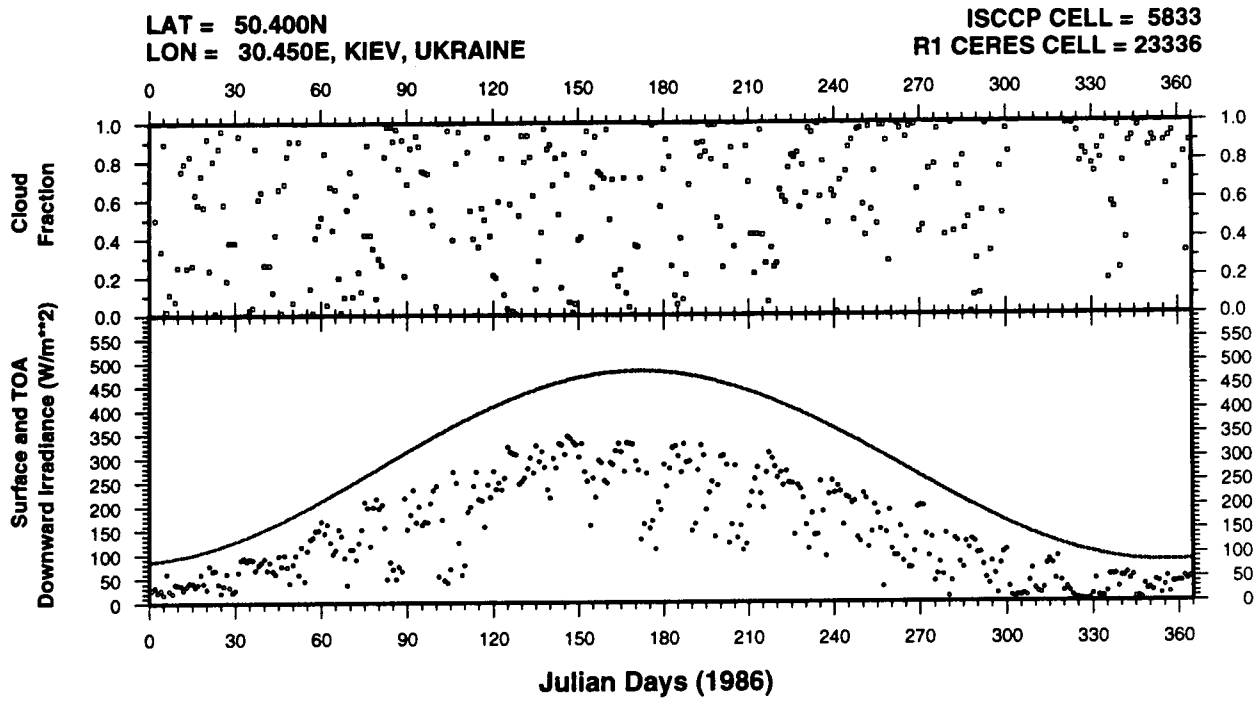
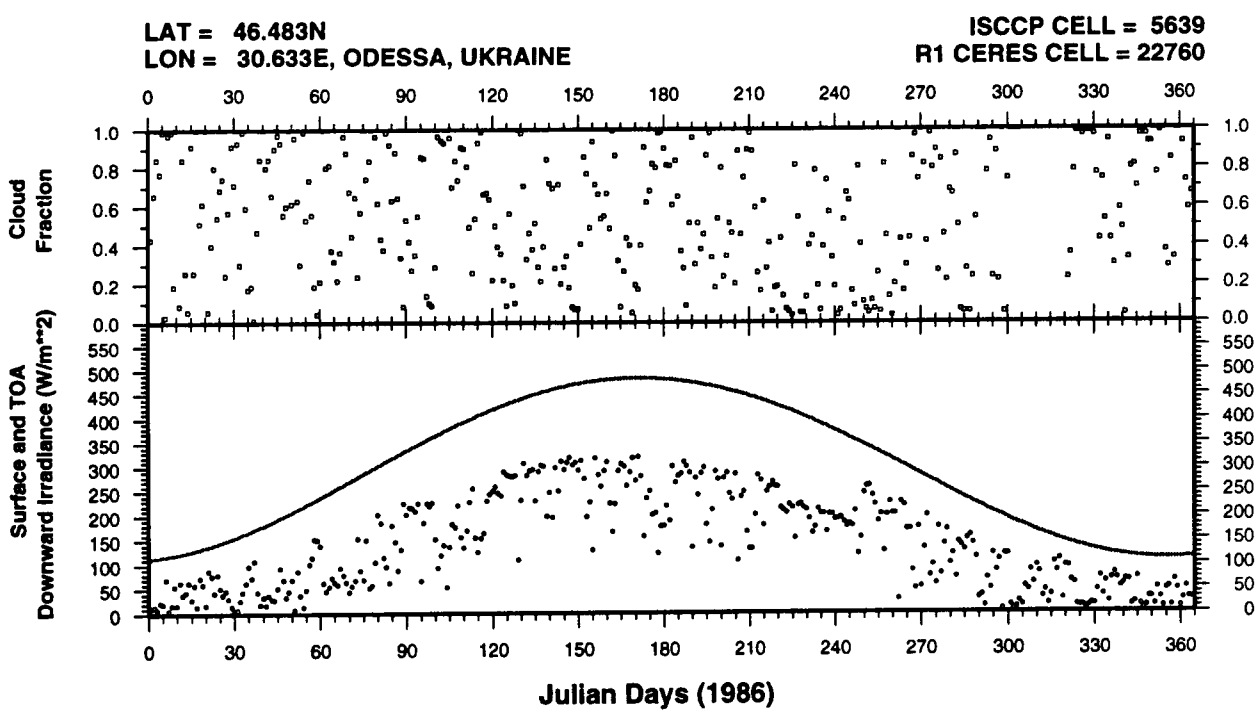


Figure D71. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOSCOW UNIV., RUSSIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D72. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KIEV, UKRAINE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure D73. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ODESSA, UKRAINE.

Appendix E

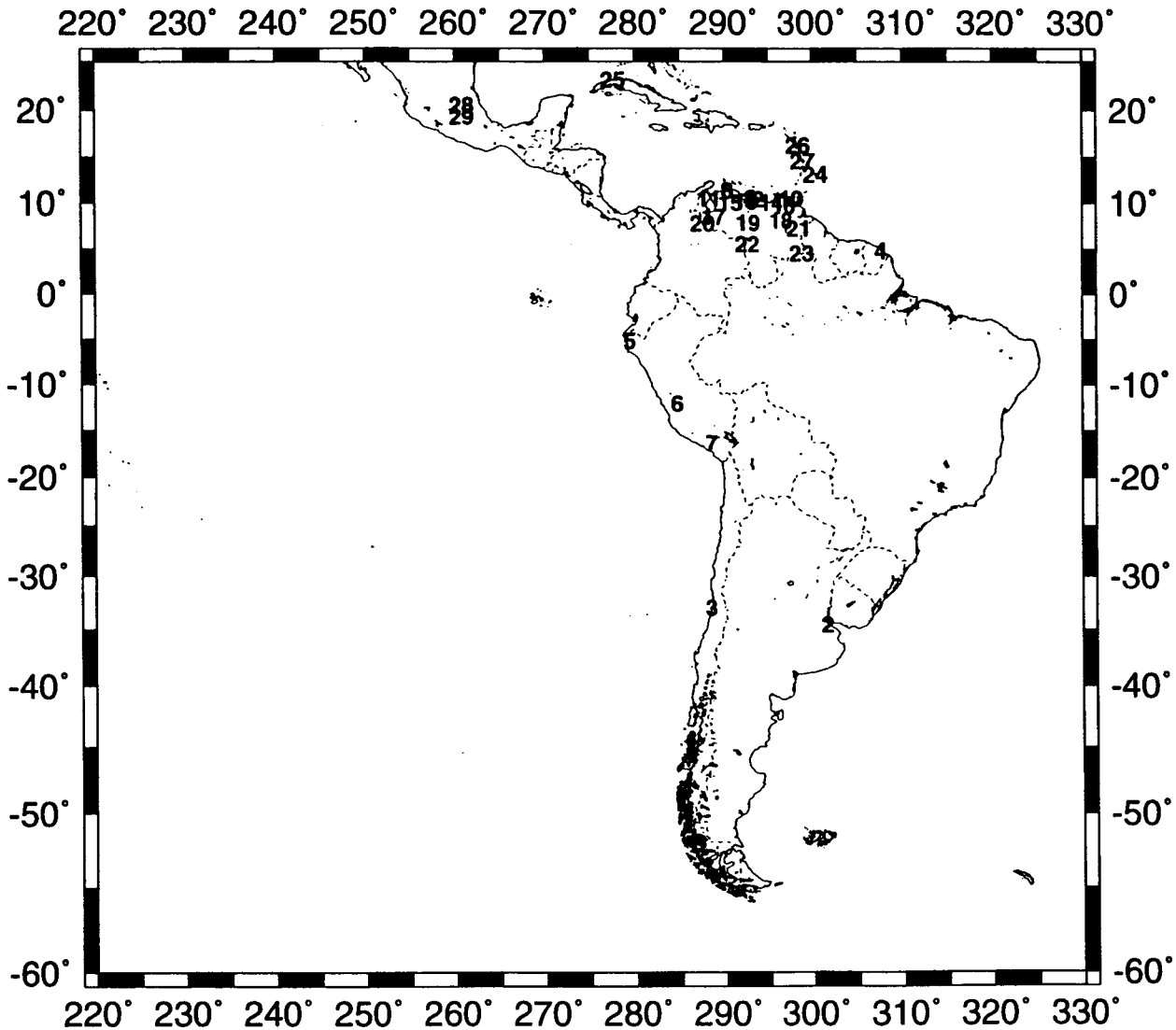
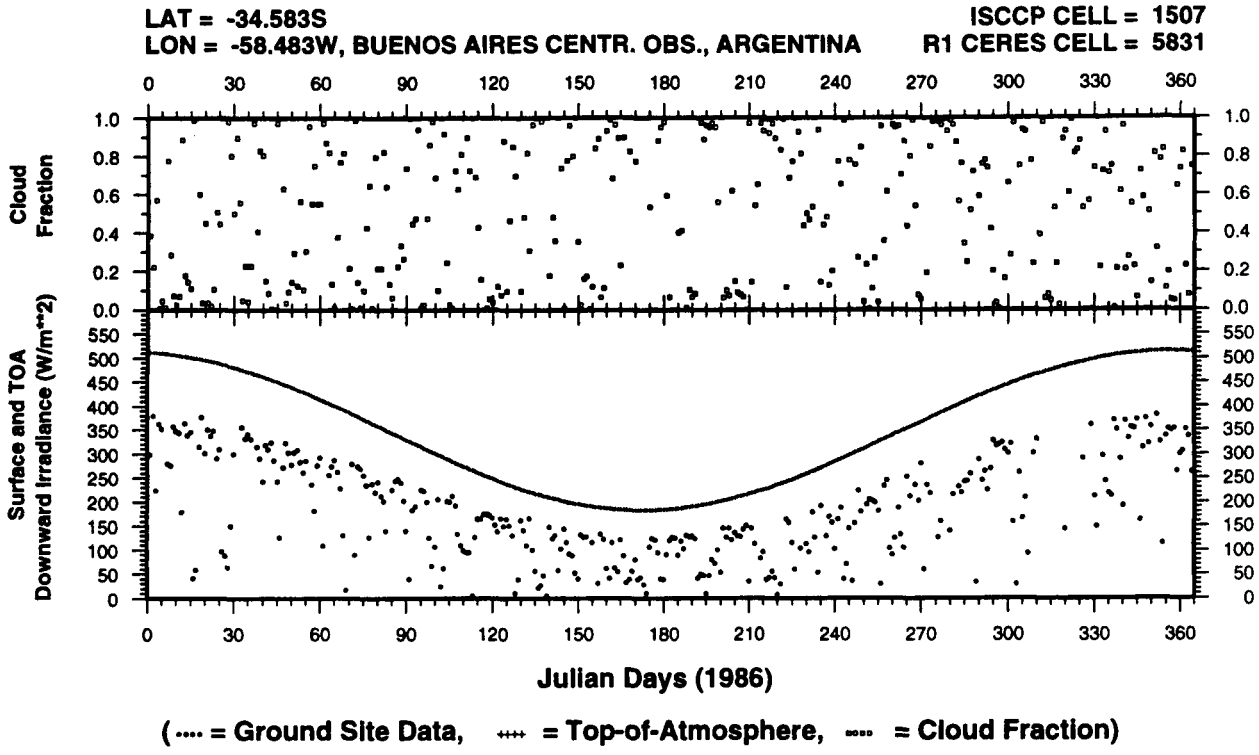
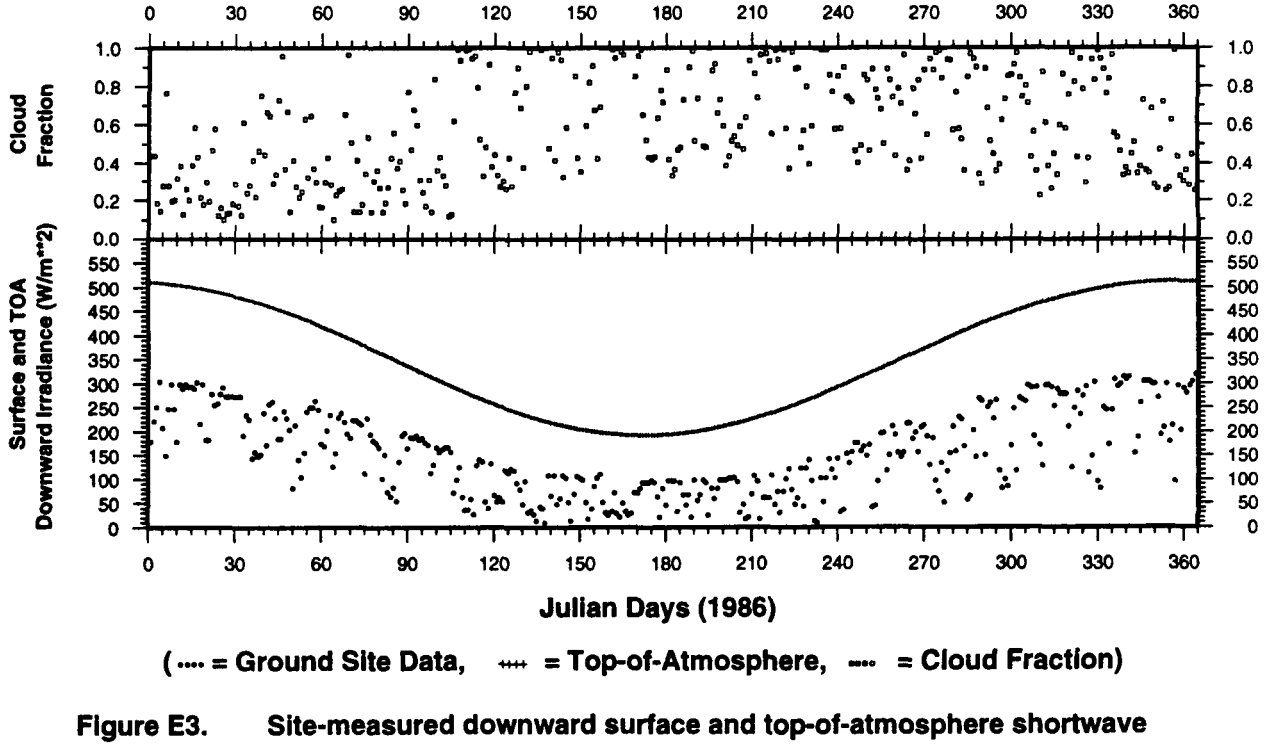


Figure E1. Ground truth sites for region E.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BUENOS AIRES CENTR. OBS., ARGENTINA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VALPARAISO, CHILE.

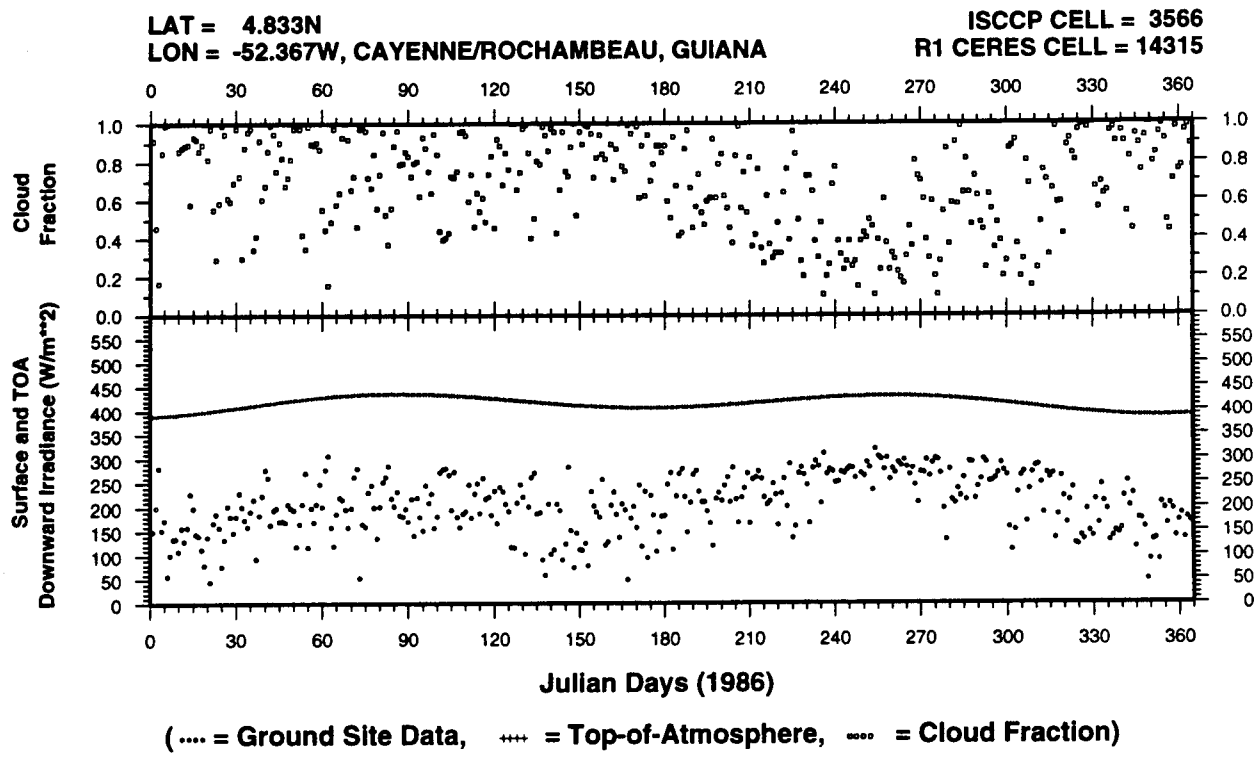


Figure E4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAYENNE/ROCHAMBEAU, GUIANA.

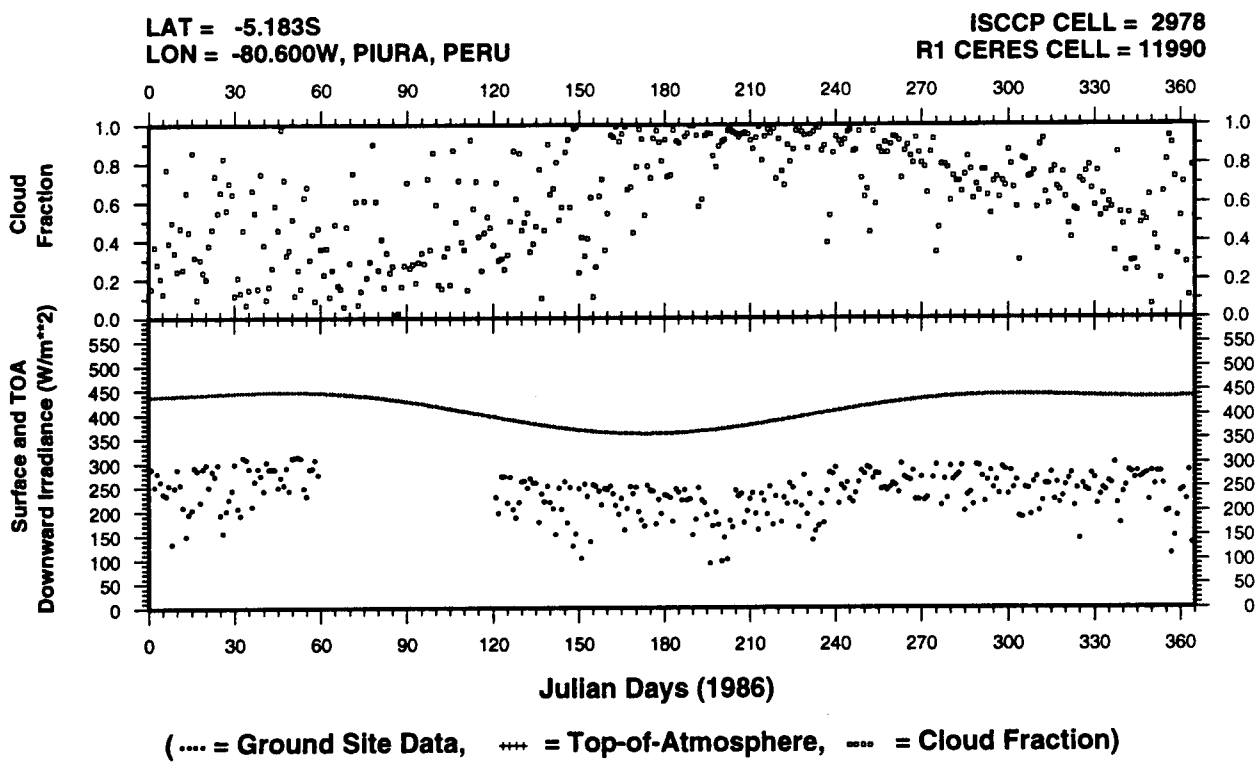
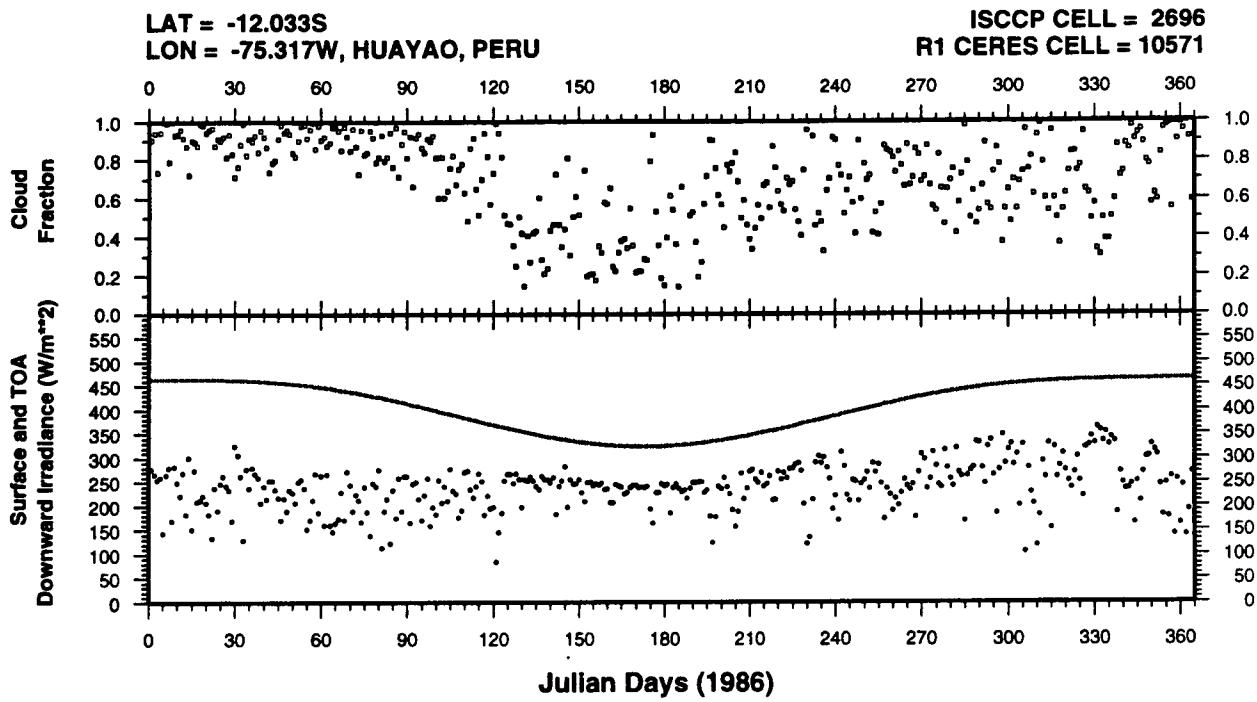
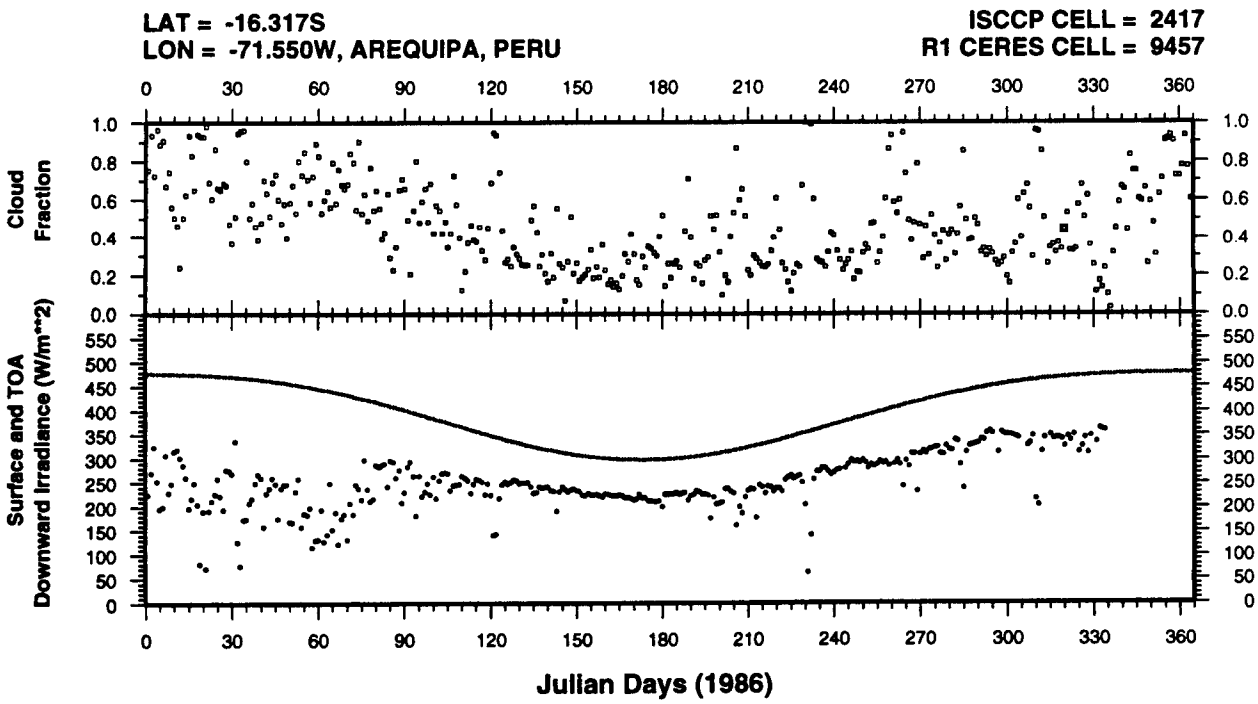


Figure E5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PIURA, PERU.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HUAYAO, PERU.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AREQUIPA, PERU.

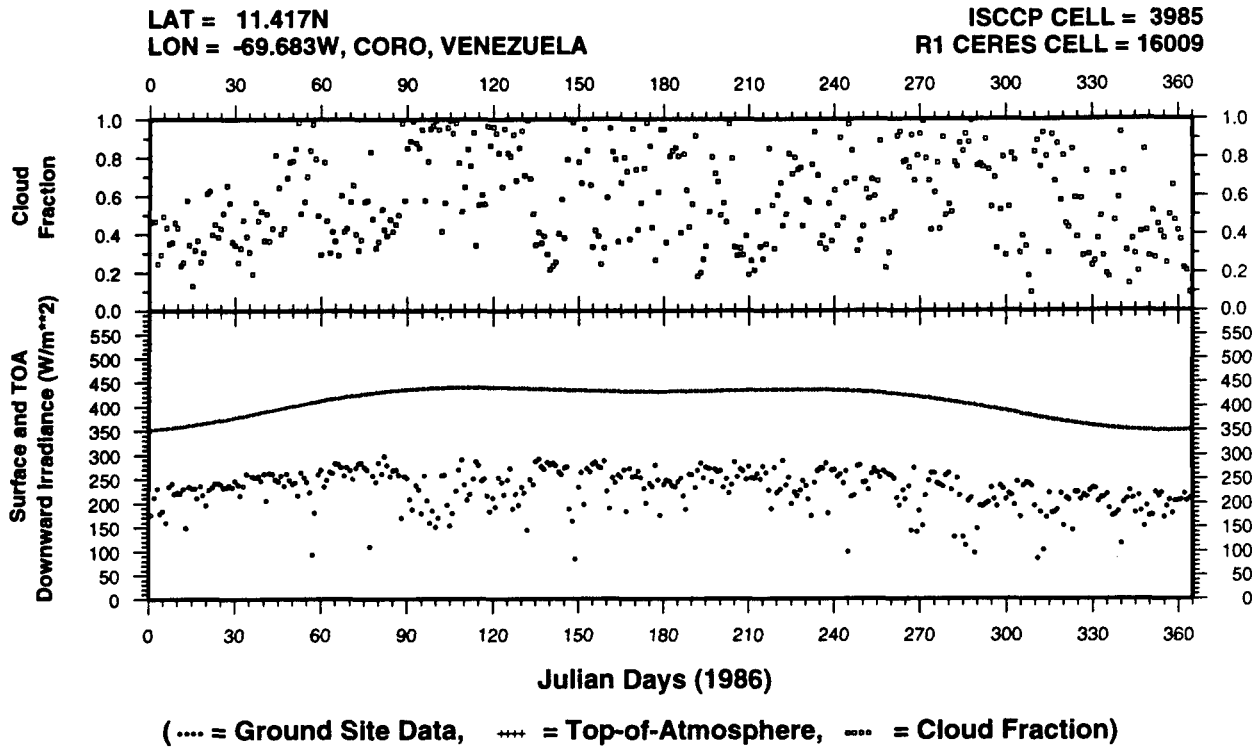


Figure E8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CORO, VENEZUELA.

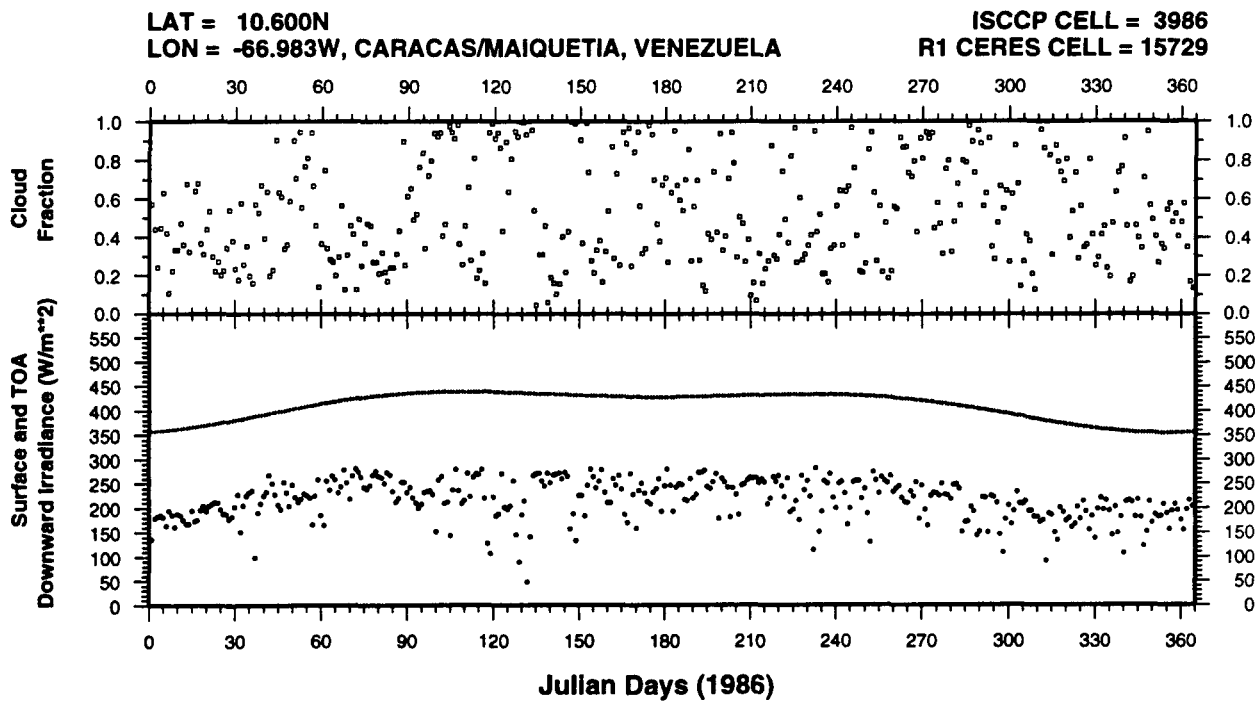


Figure E9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CARACAS/MAIQUETIA, VENEZUELA.

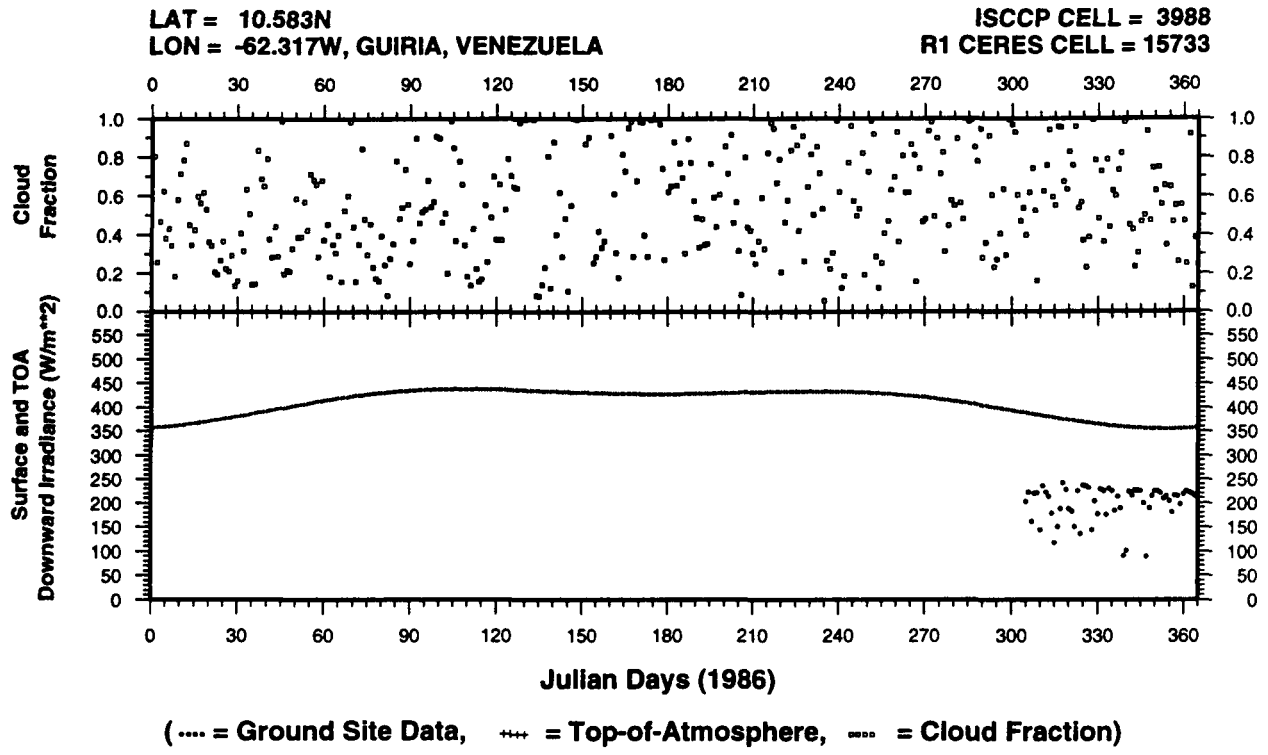


Figure E10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GUIRIA, VENEZUELA.

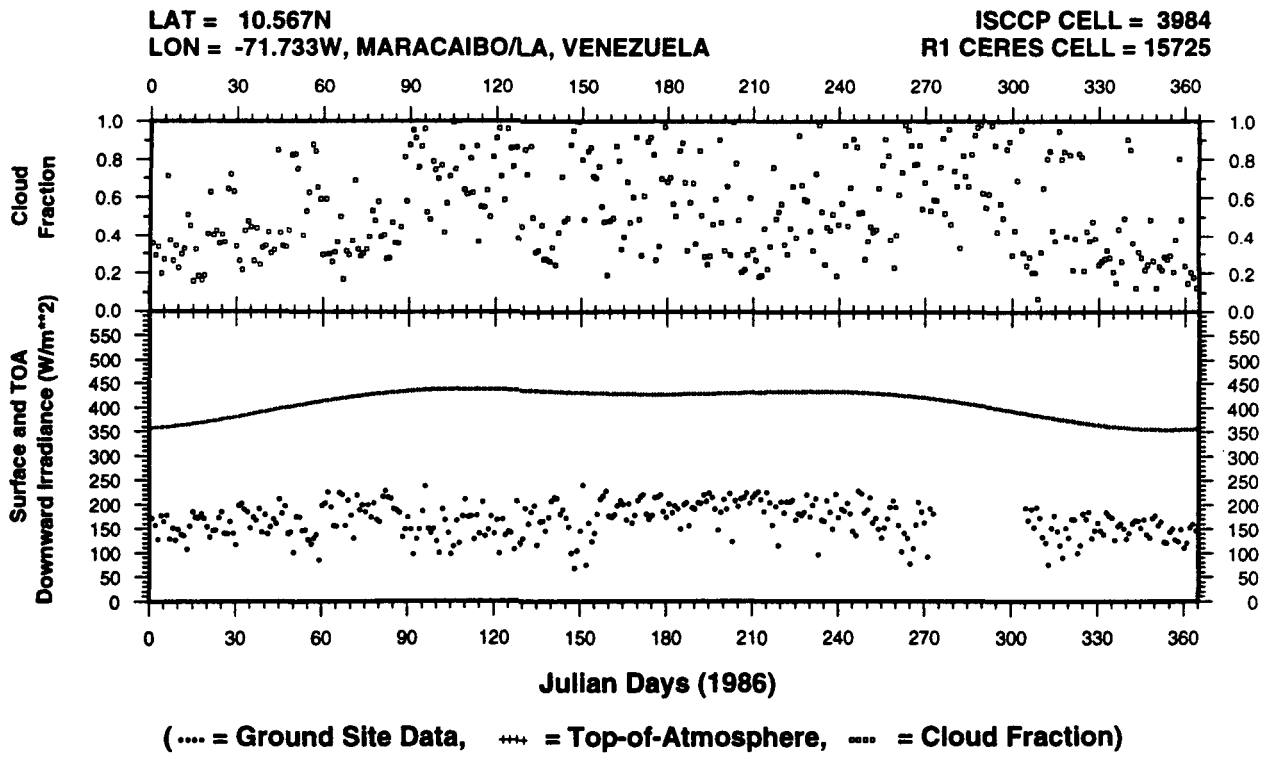
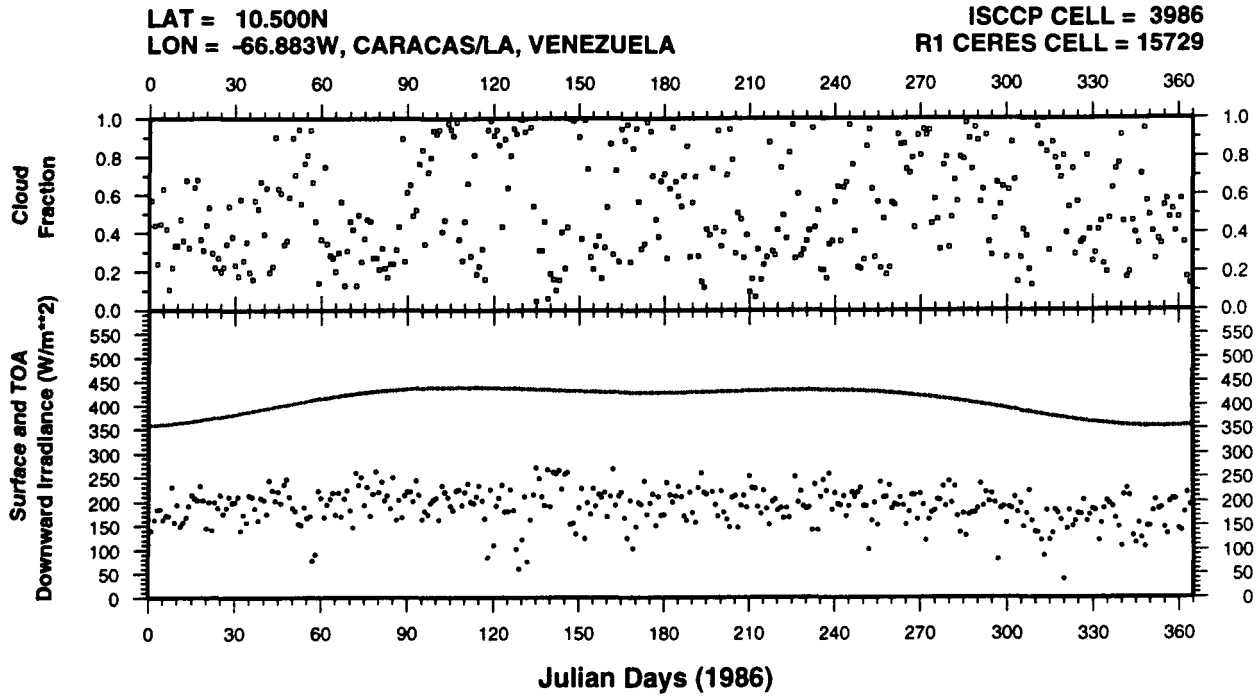
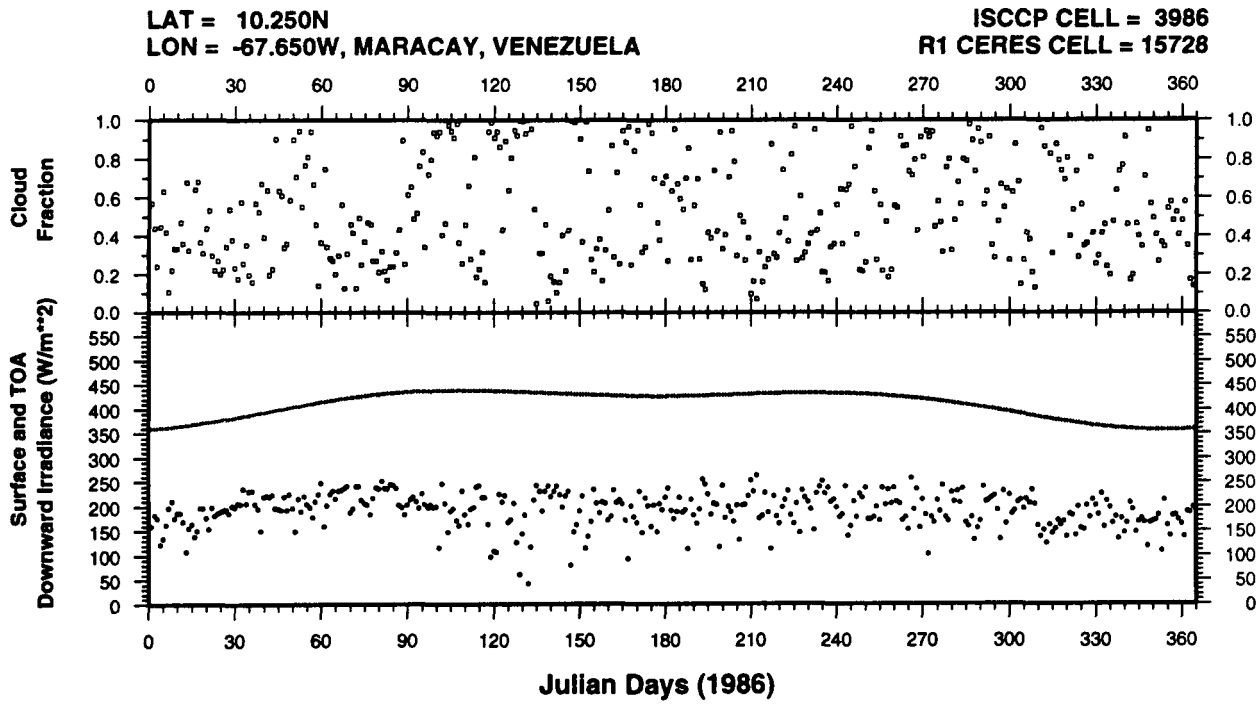


Figure E11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MARACAIBO/LA, VENEZUELA.



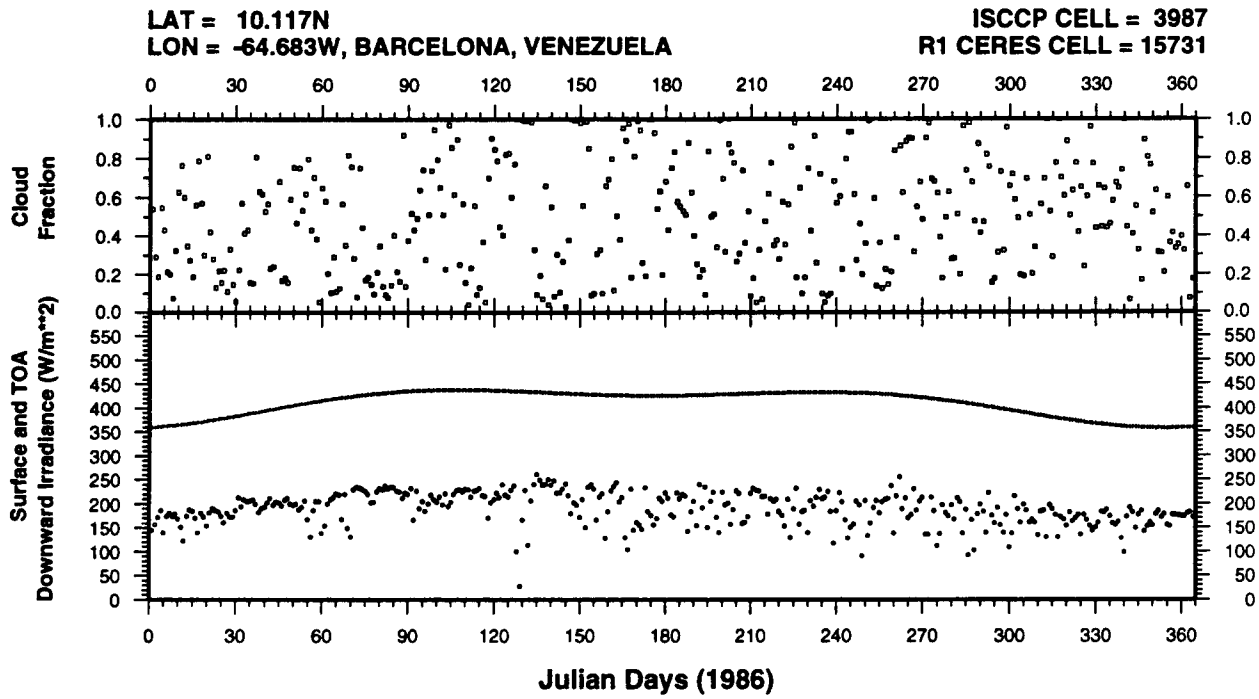
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CARACAS/LA, VENEZUELA.



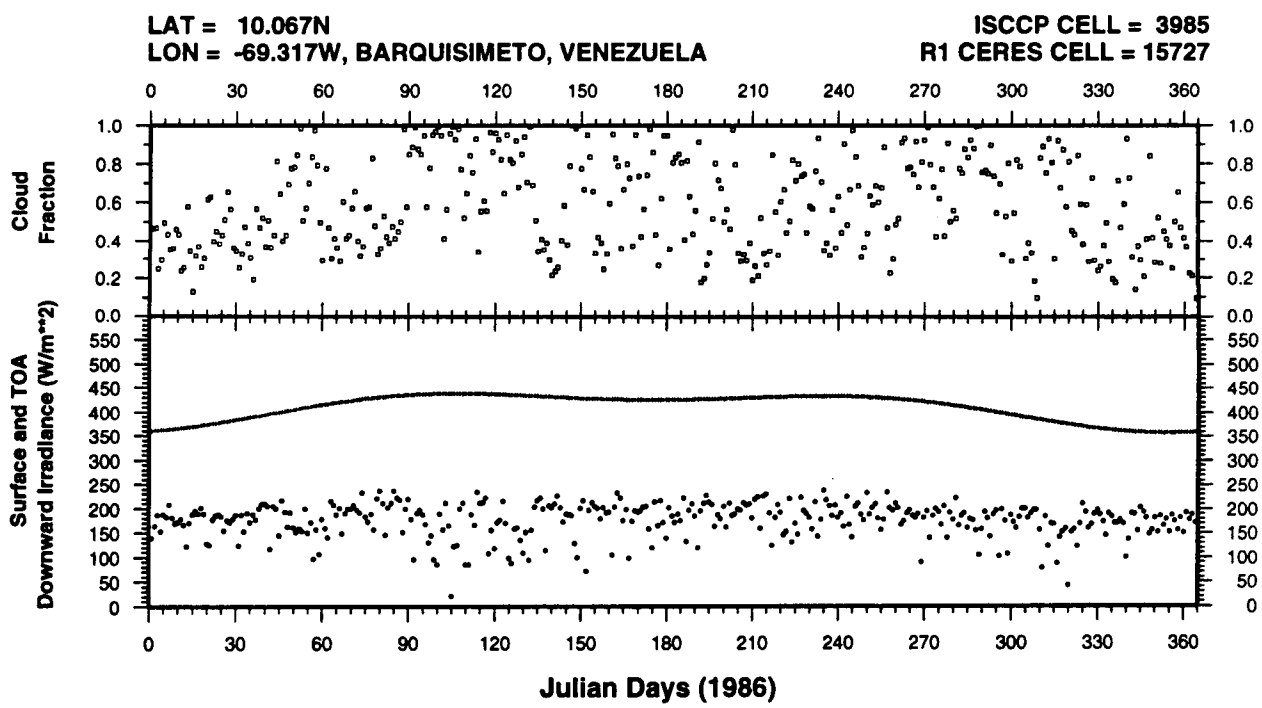
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MARACAY, VENEZUELA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BARCELONA, VENEZUELA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BARQUISIMETO, VENEZUELA.

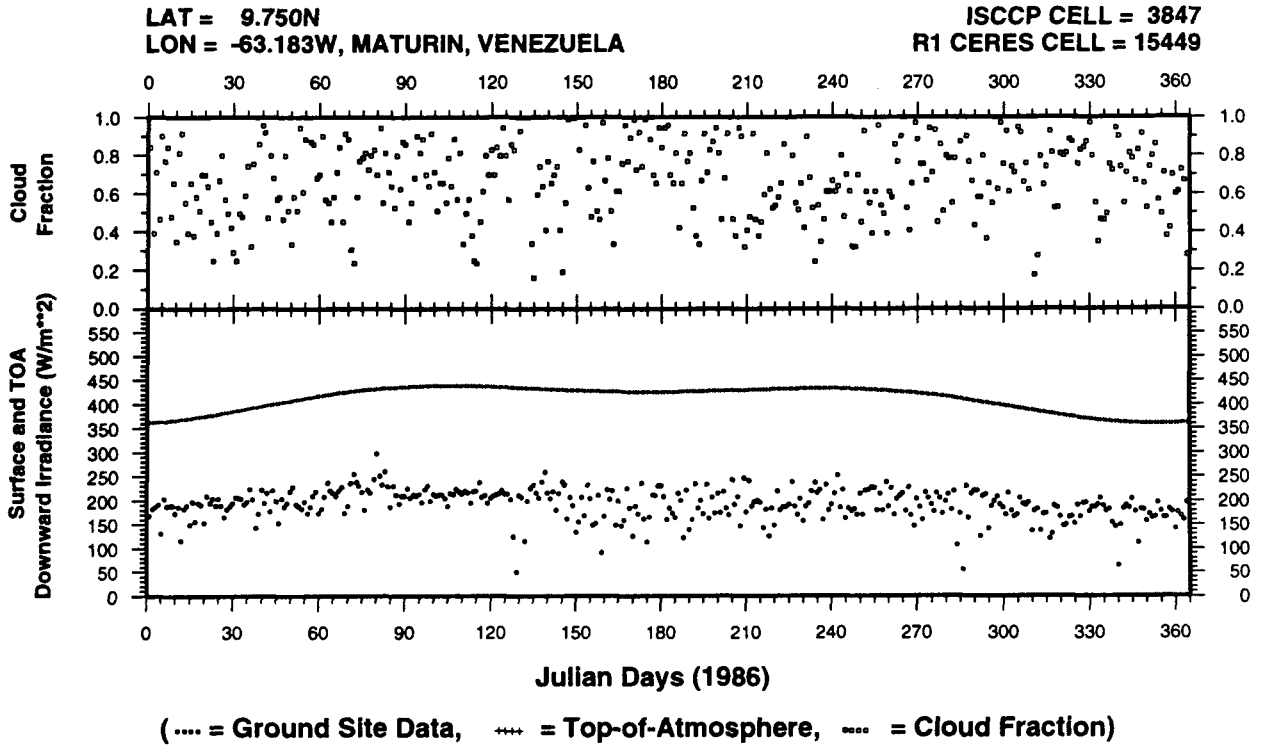


Figure E16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MATURIN, VENEZUELA.

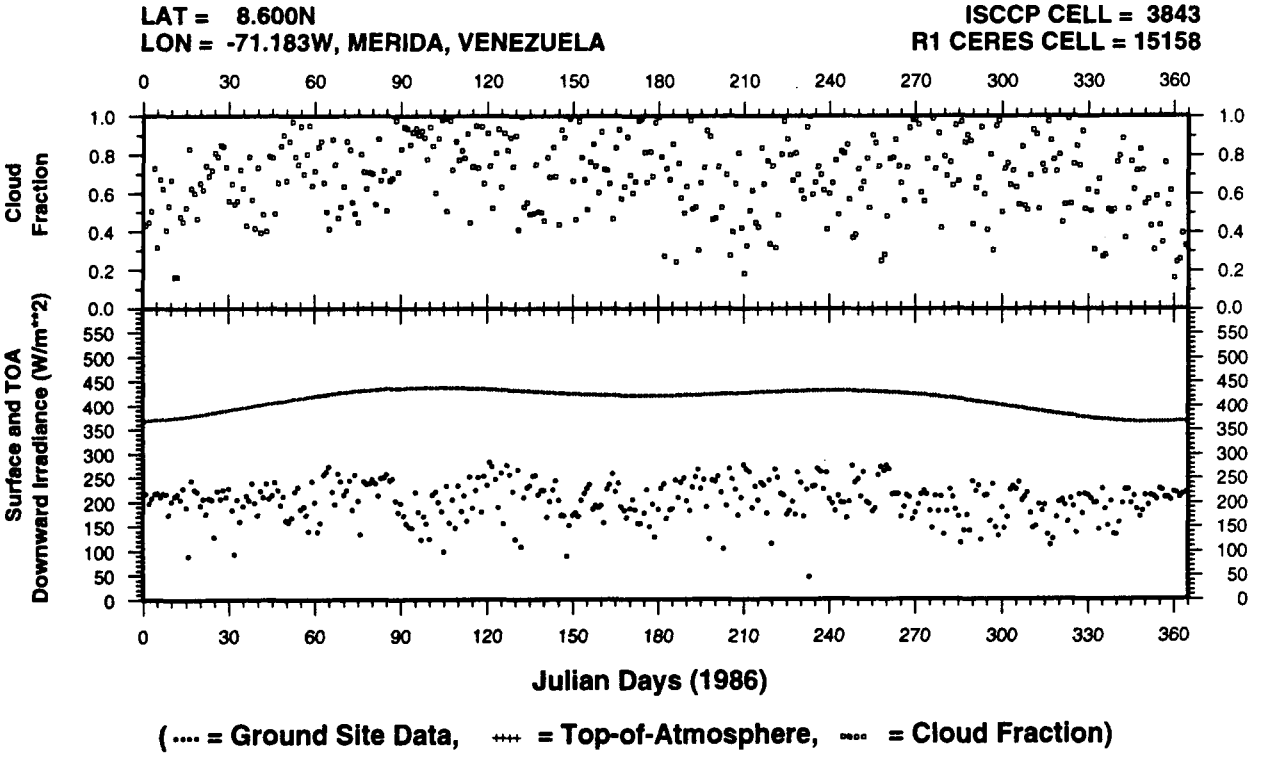


Figure E17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MERIDA, VENEZUELA.

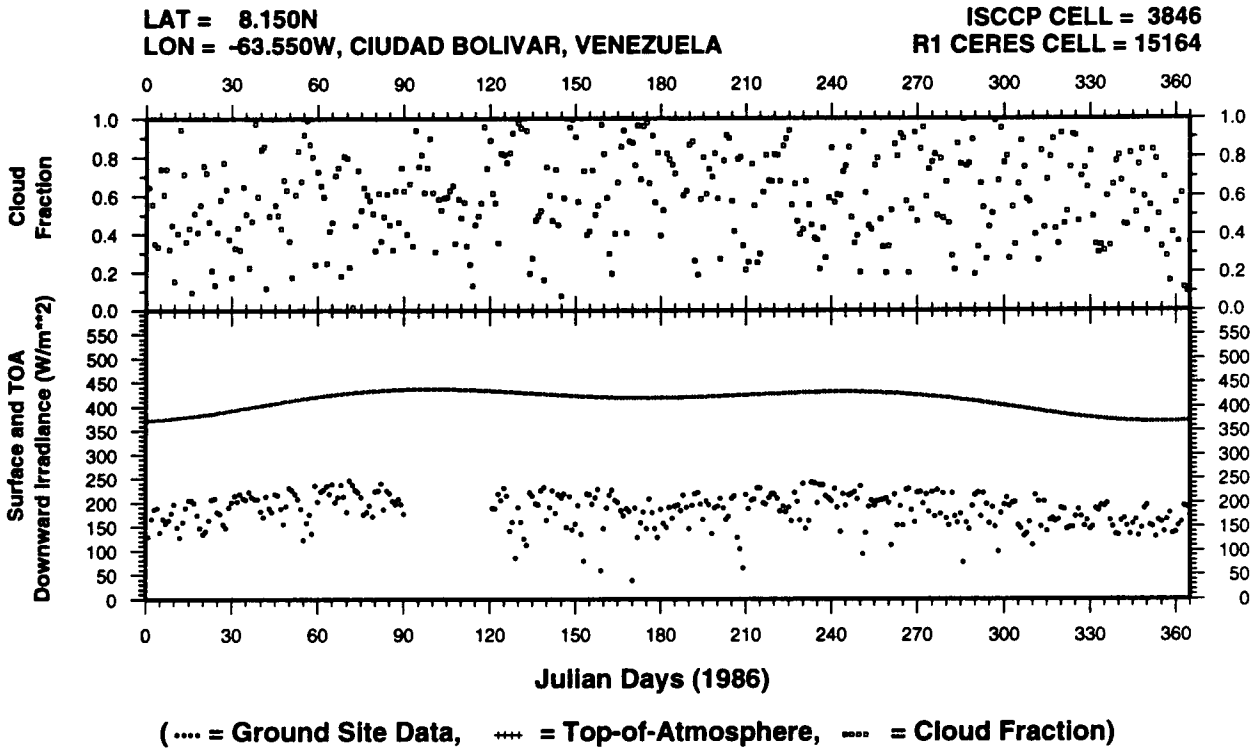


Figure E18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CIUDAD BOLIVAR, VENEZUELA.

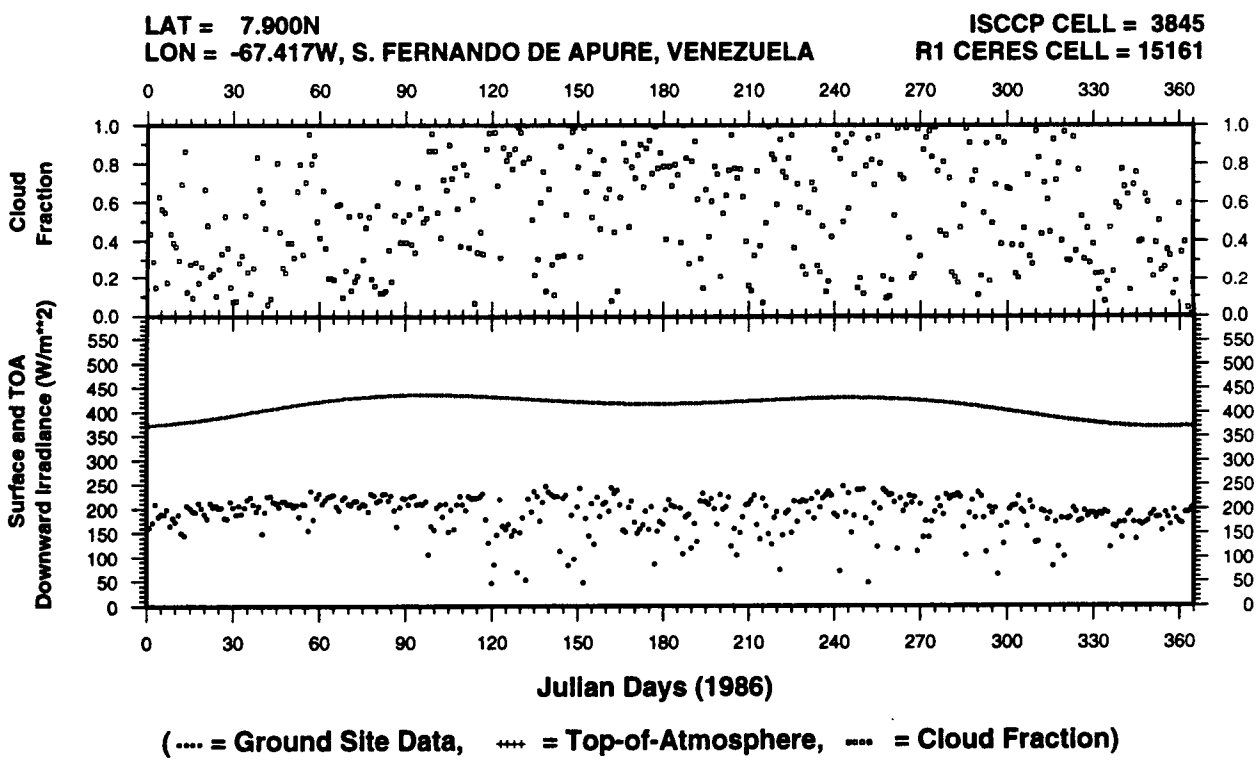


Figure E19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for S. FERNANDO DE APURE, VENEZUELA.

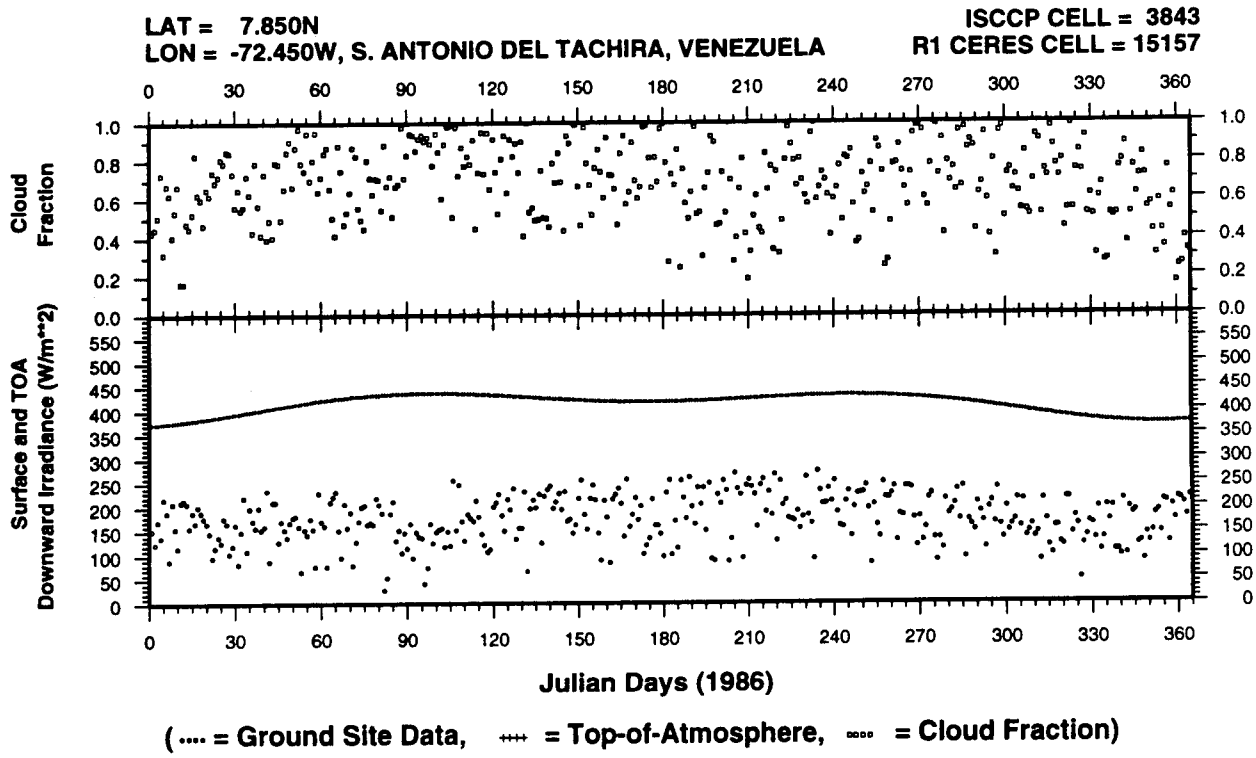


Figure E20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for S. ANTONIO DEL TACHIRA, VENEZUELA.

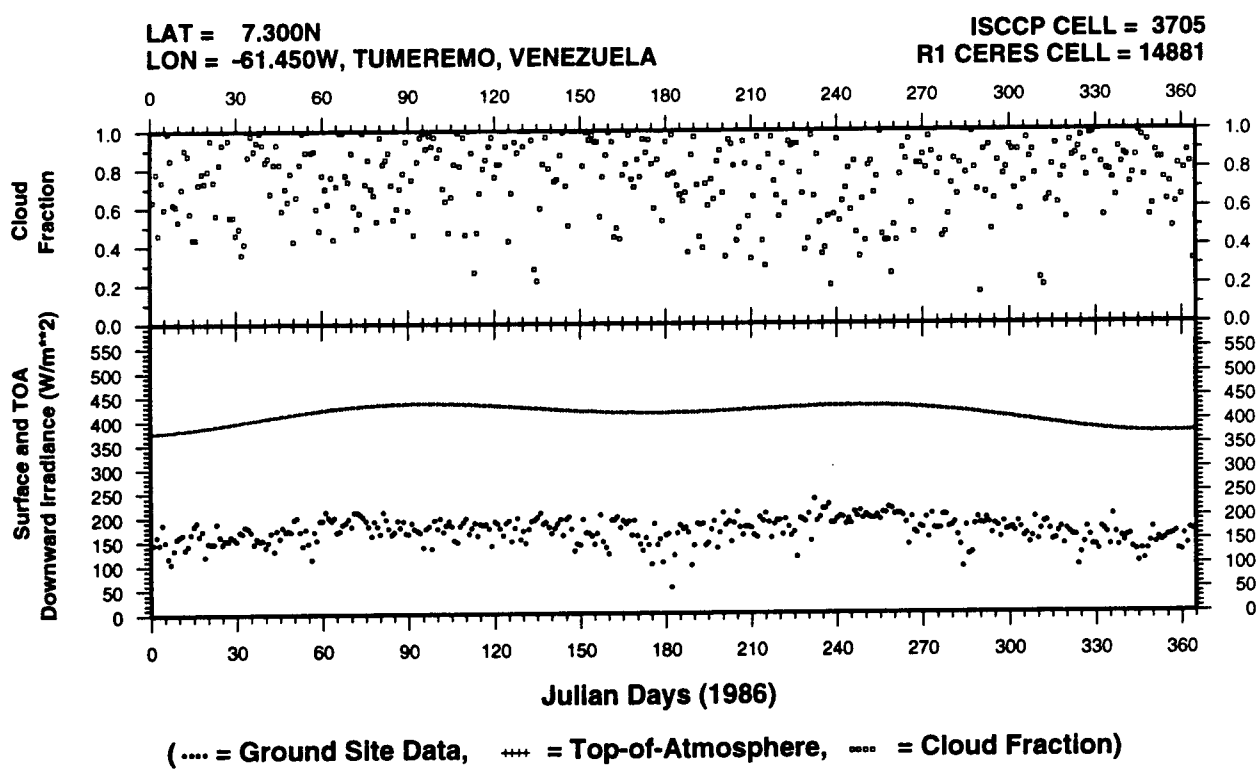
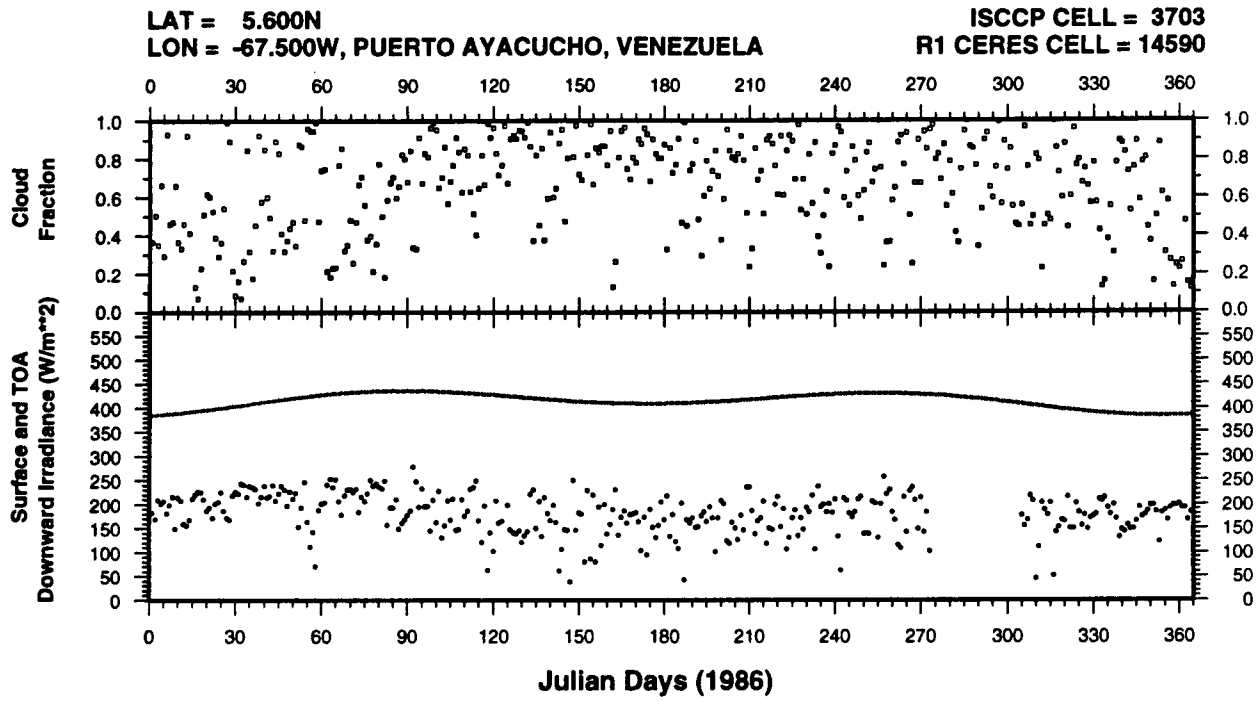
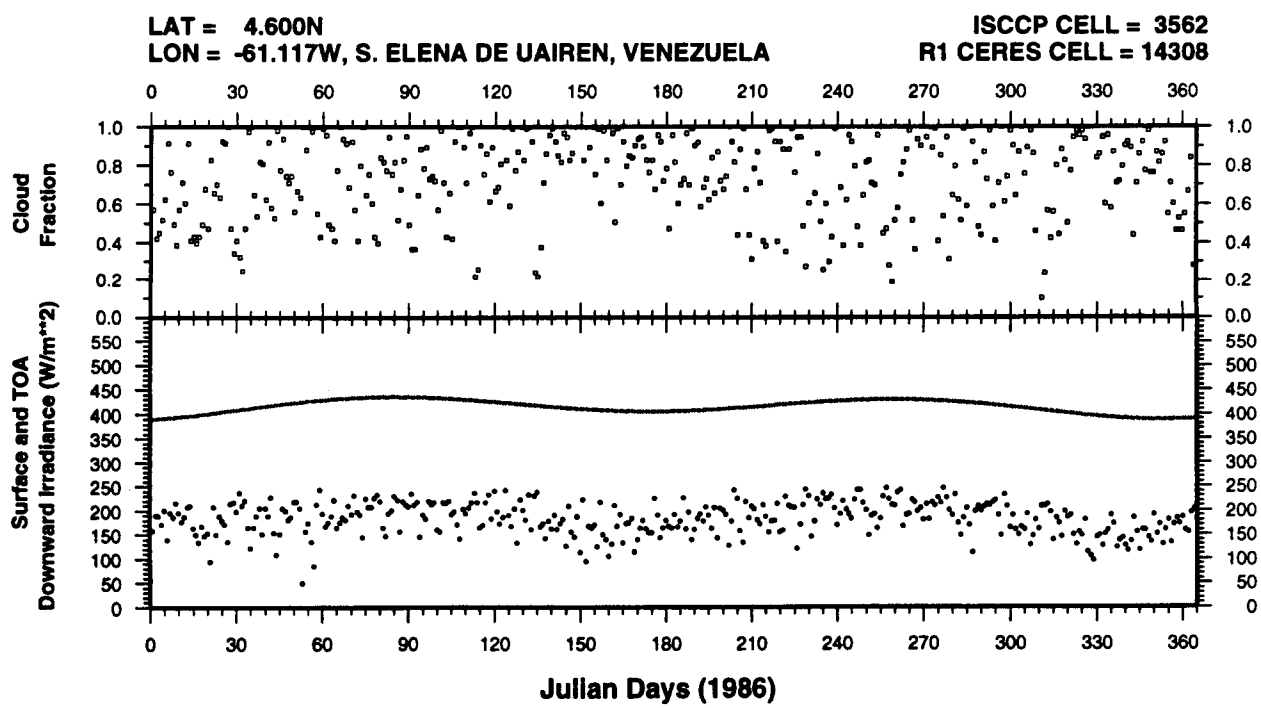


Figure E21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TUMEREMO, VENEZUELA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PUERTO AYACUCHO, VENEZUELA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for S. ELENA DE UAIREN, VENEZUELA.

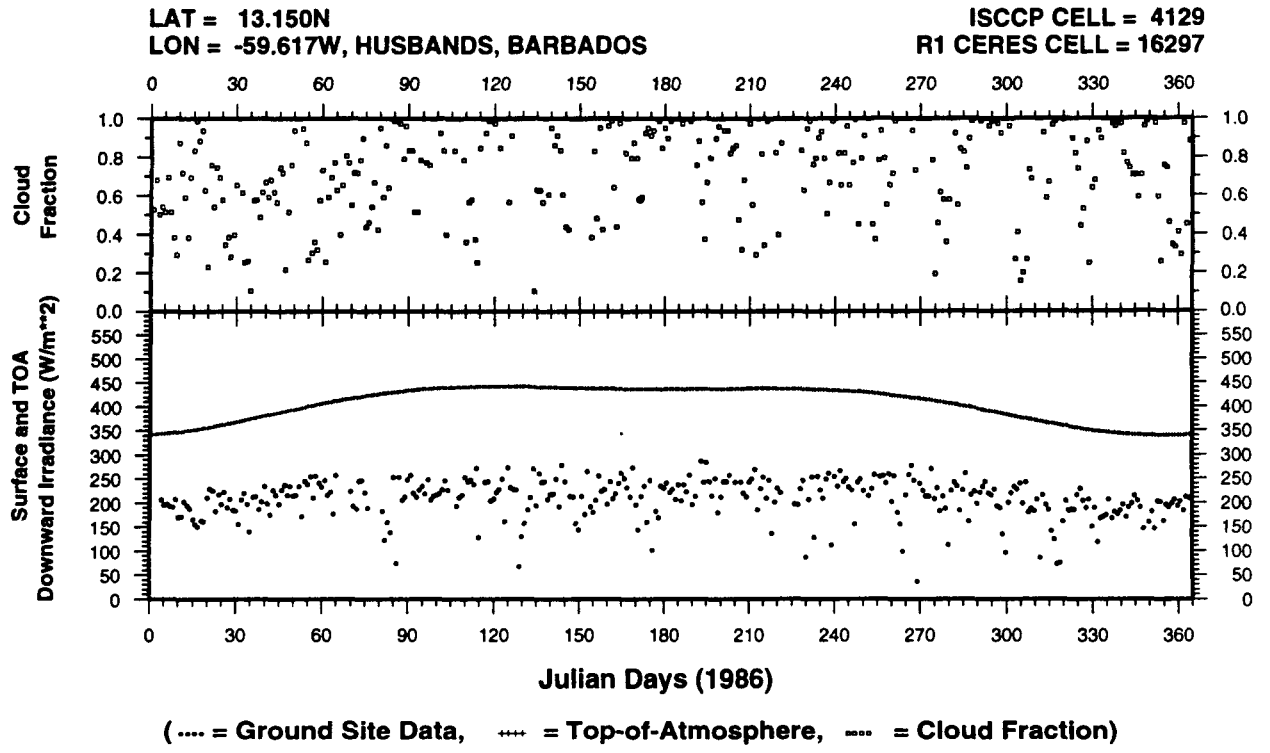


Figure E24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HUSBANDS, BARBADOS.

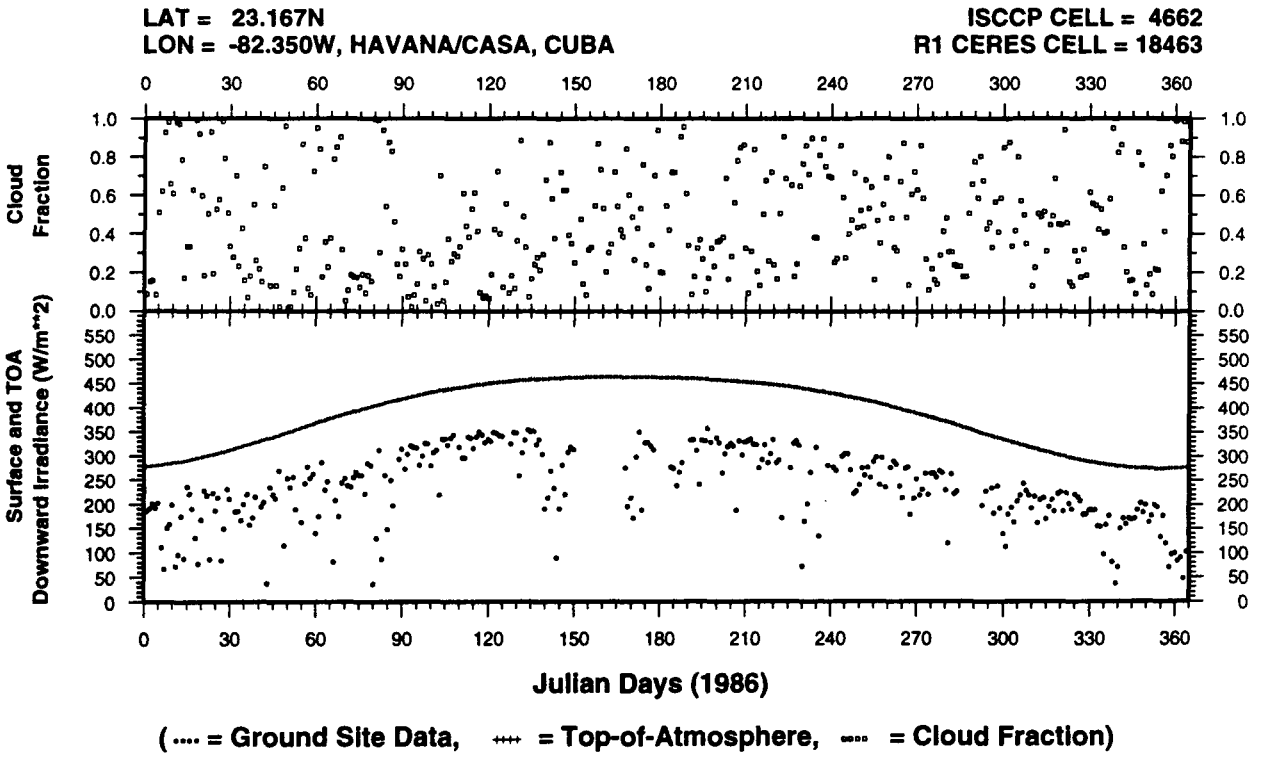


Figure E25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HAVANA/CASA, CUBA.

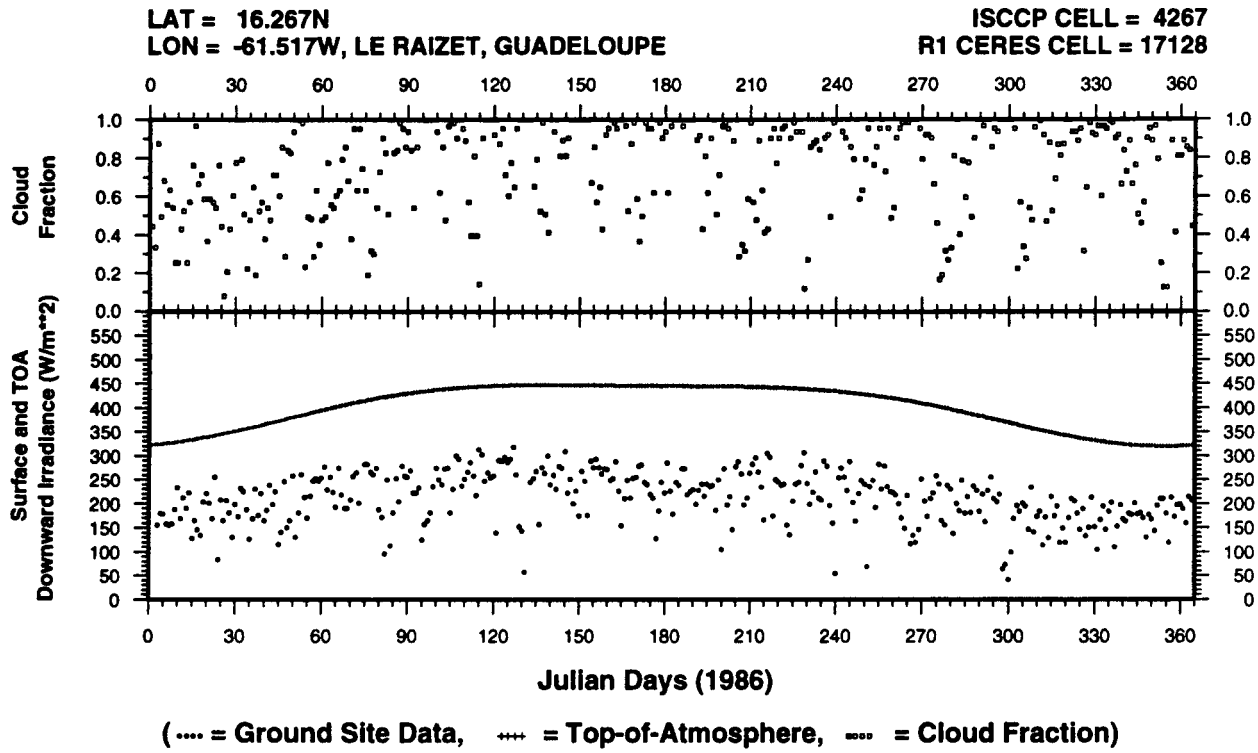


Figure E26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LE RAIZET, GUADELOUPE.

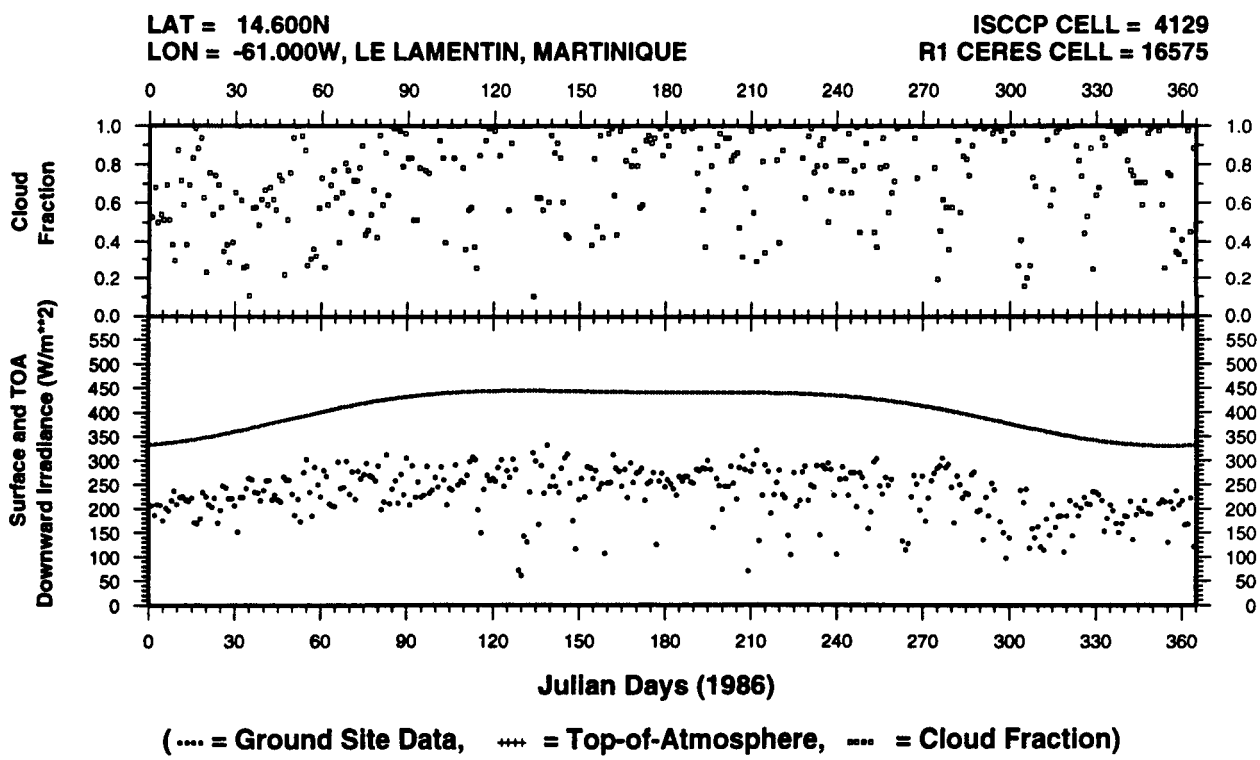
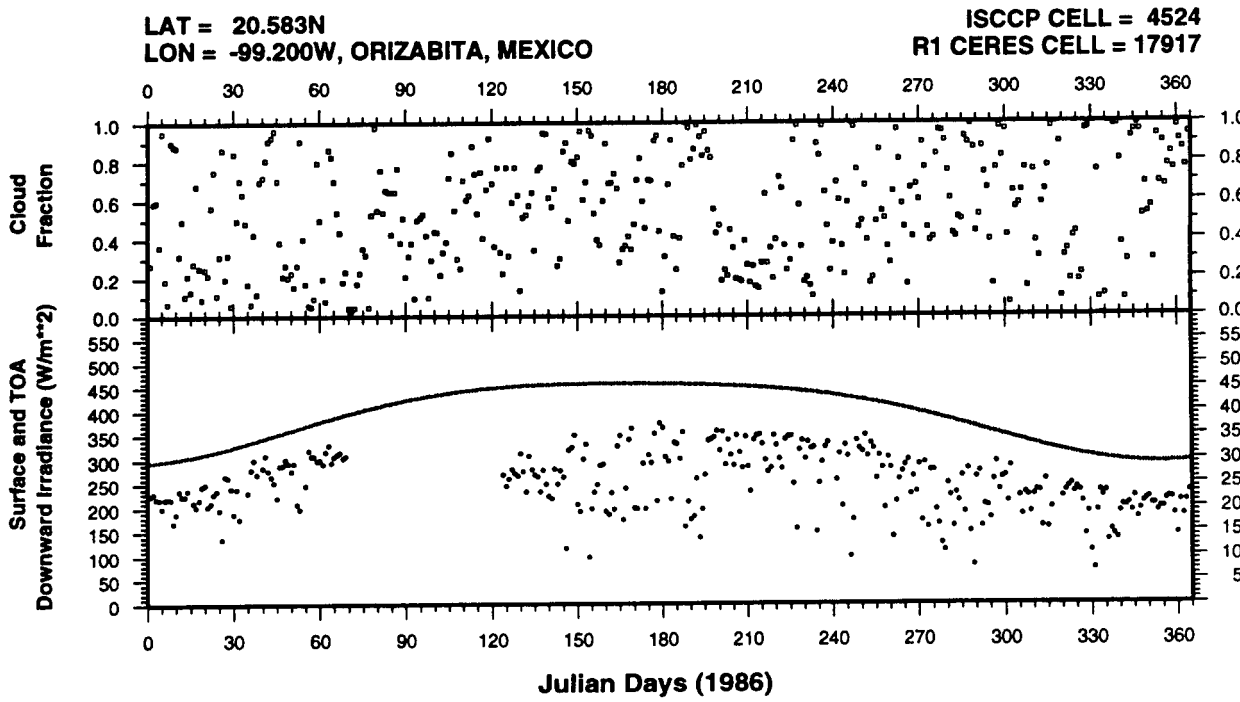
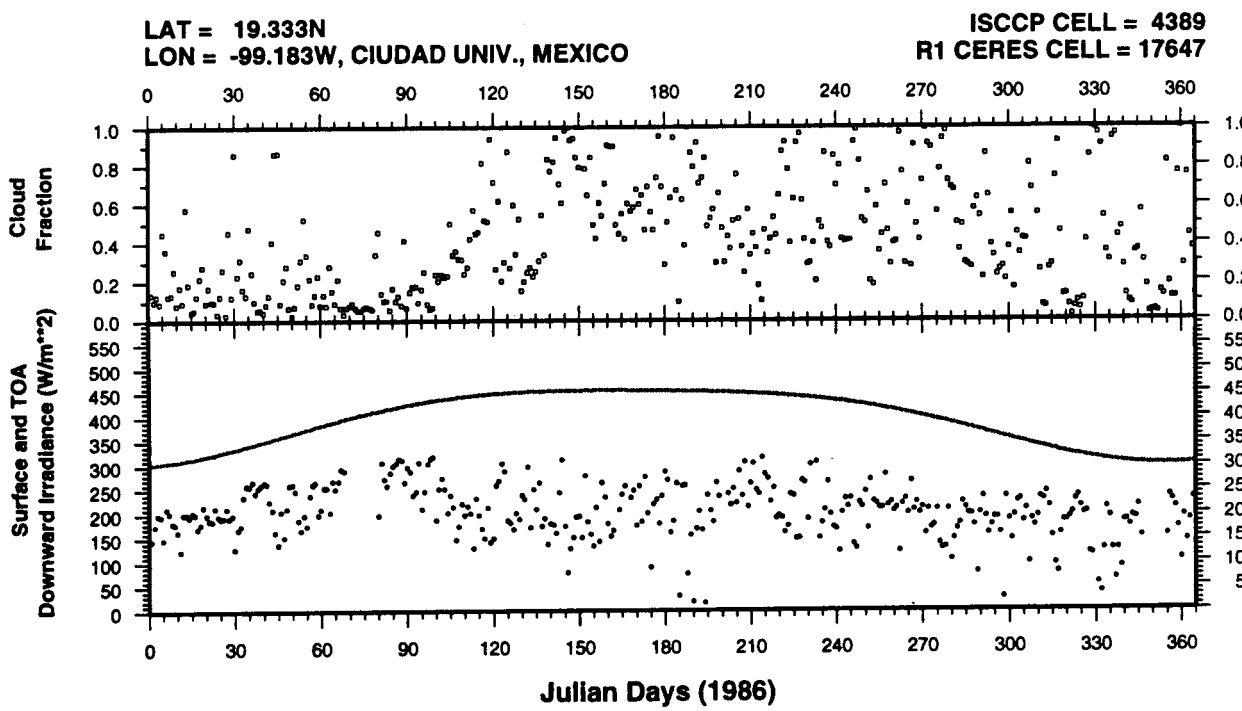


Figure E27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LE LAMENTIN, MARTINIQUE.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ORIZABITA, MEXICO.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure E29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CIUDAD UNIV., MEXICO.

Appendix F

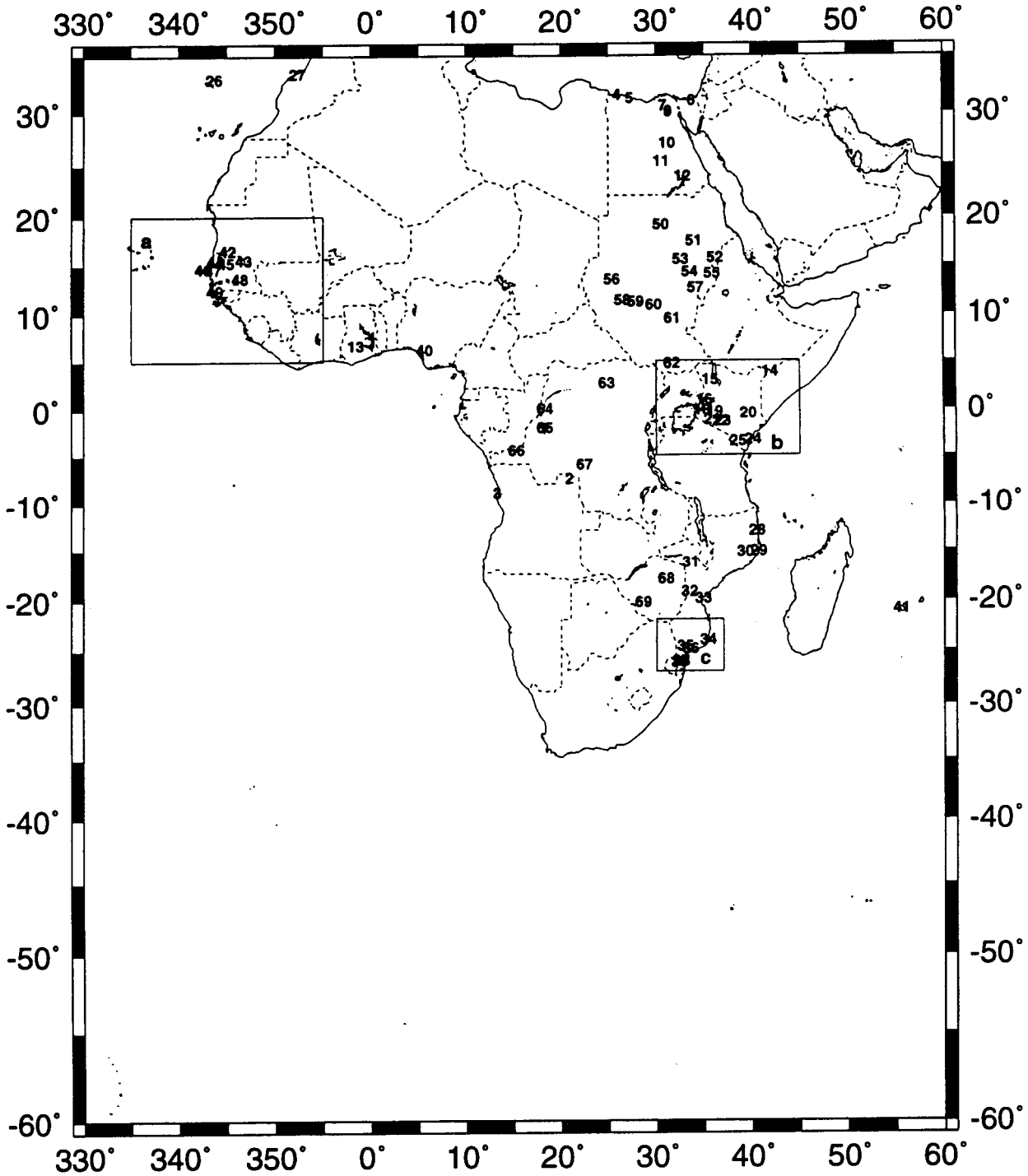


Figure F1. Ground truth sites for region F.

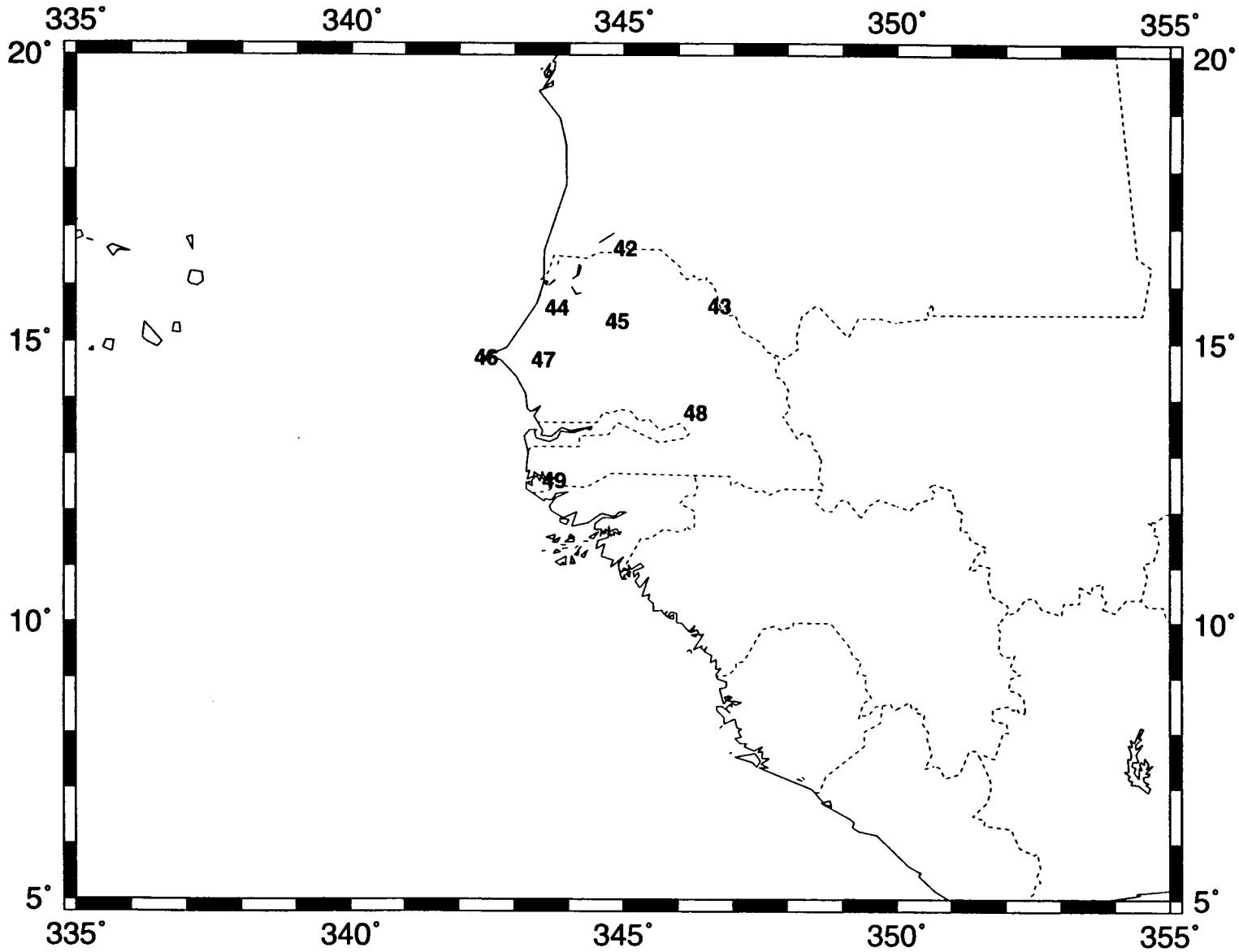


Figure F1a. Ground truth sites for region F.

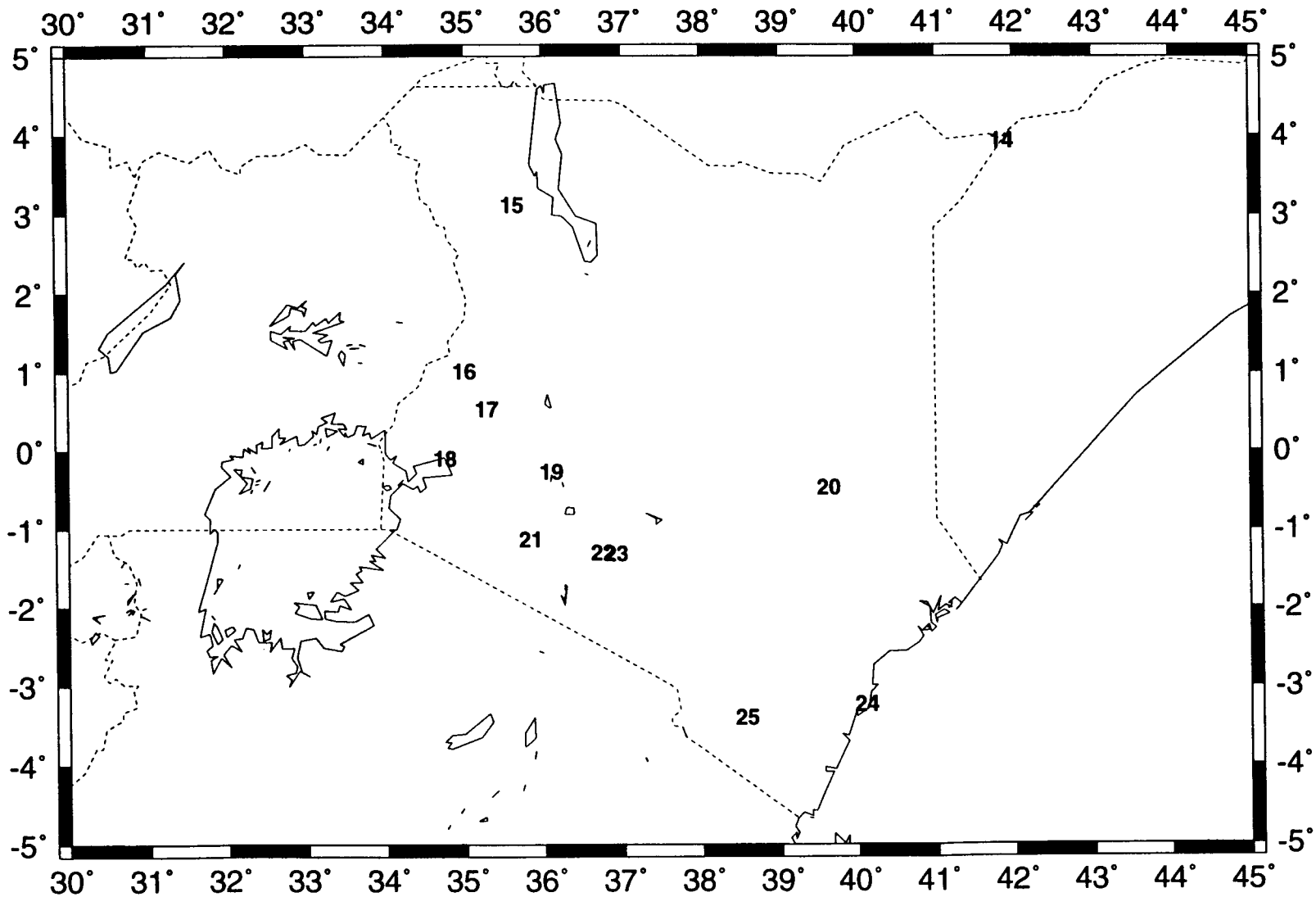


Figure F1b. Ground truth sites for region F.

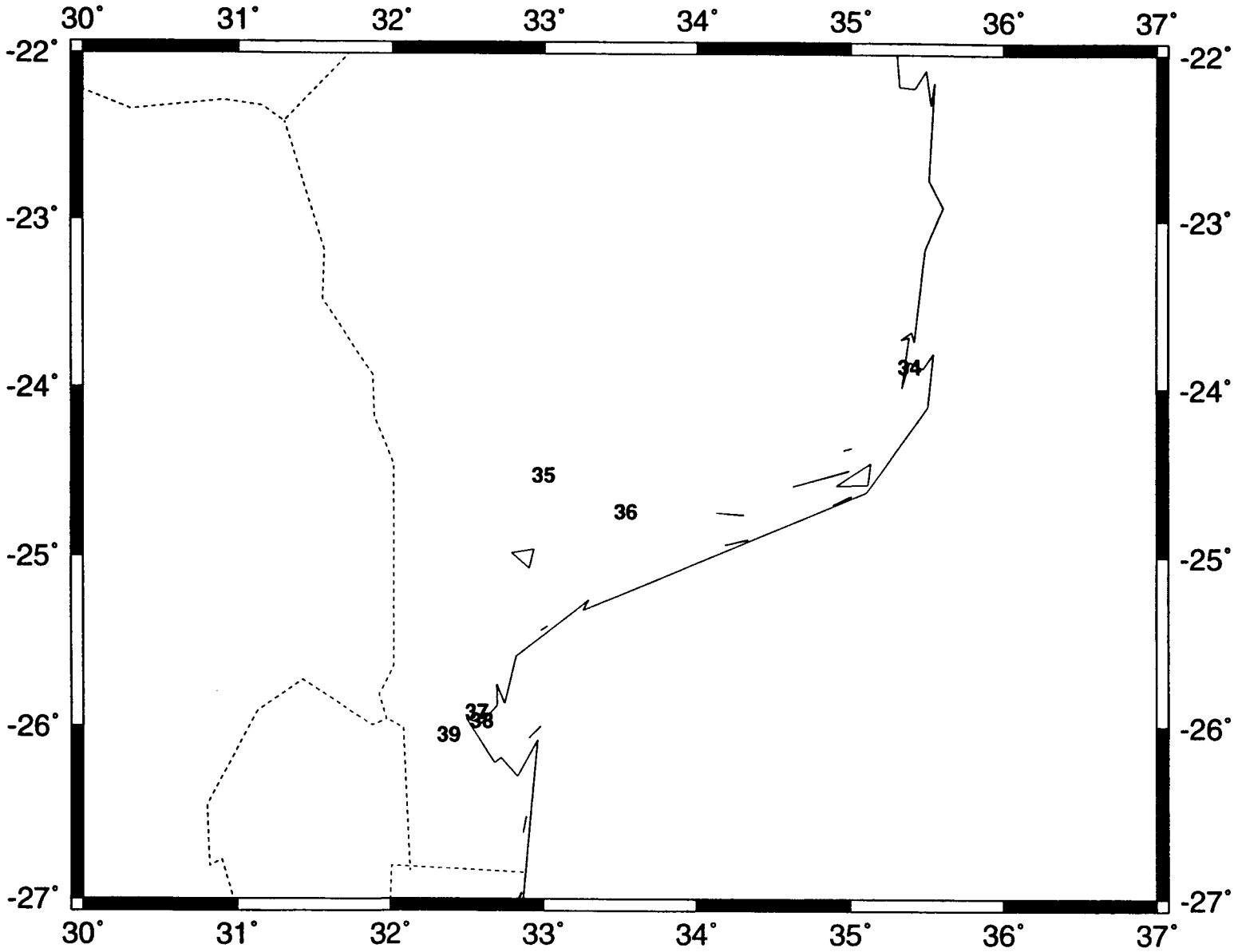
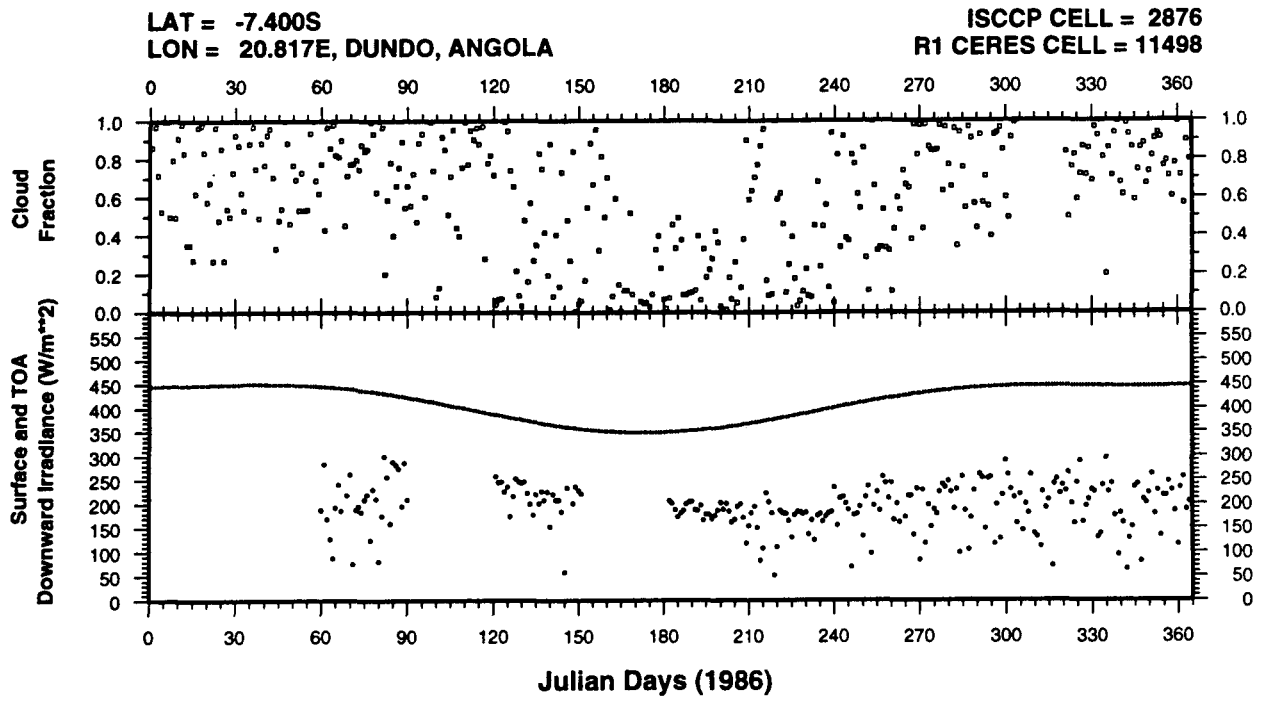
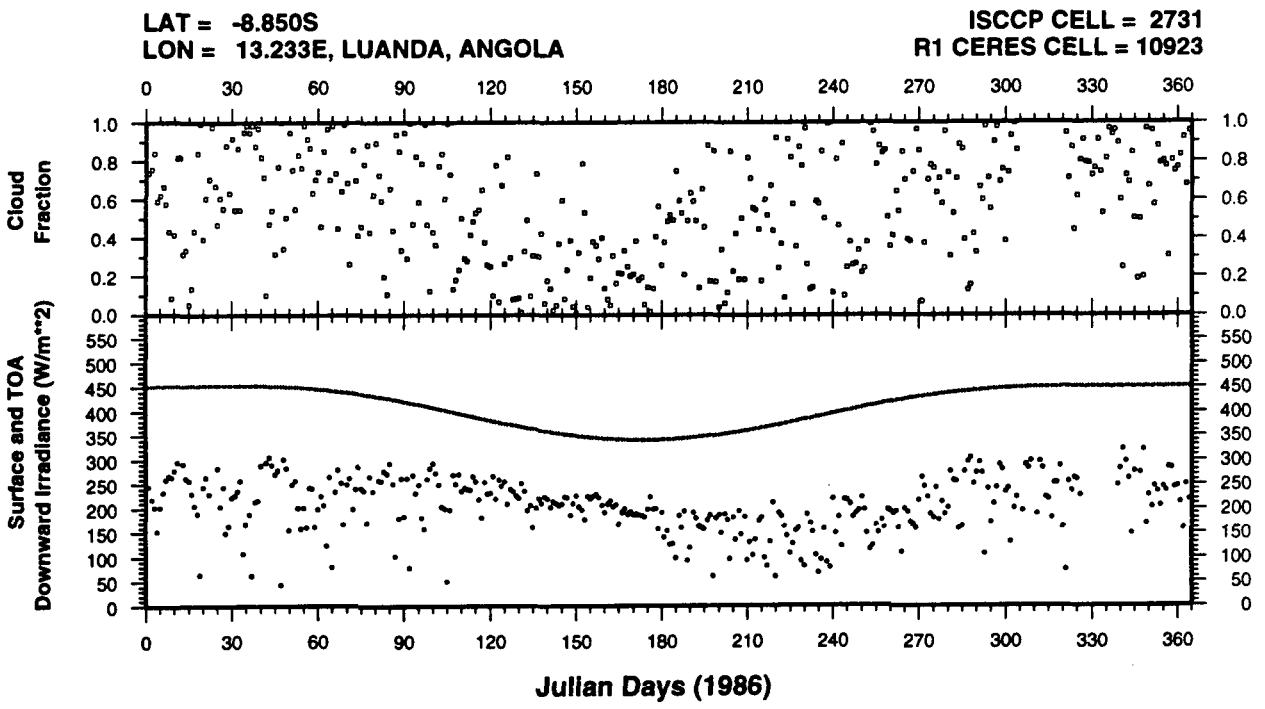


Figure F1c. Ground truth sites for region F.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DUNDO, ANGOLA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LUANDA, ANGOLA.

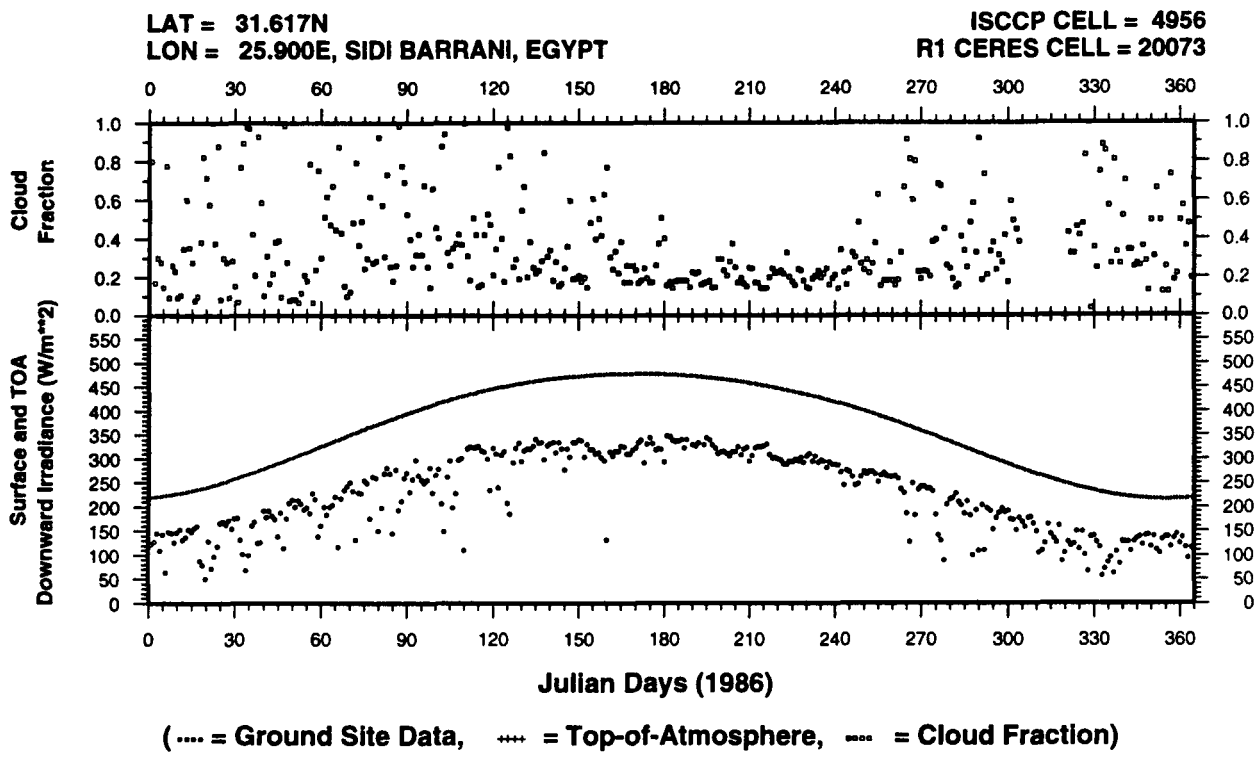


Figure F4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SIDI BARRANI, EGYPT.

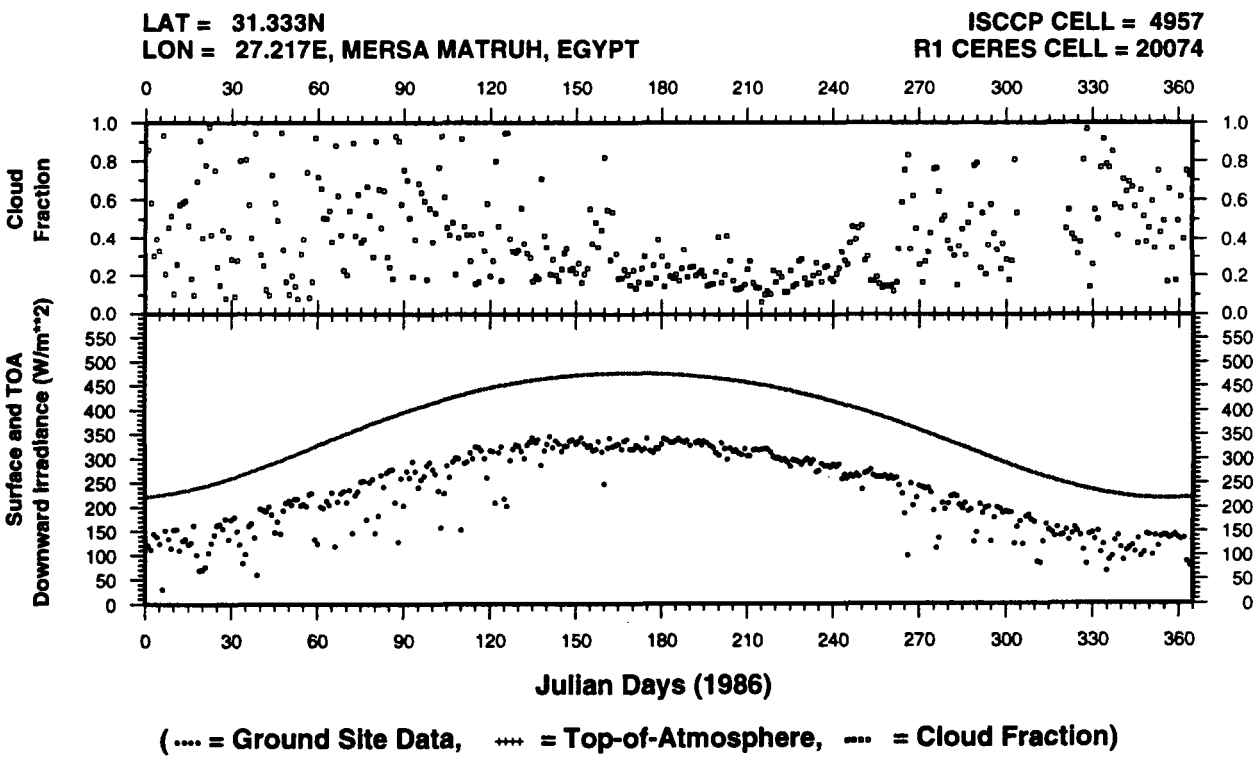


Figure F5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MERSA MATRUH, EGYPT.

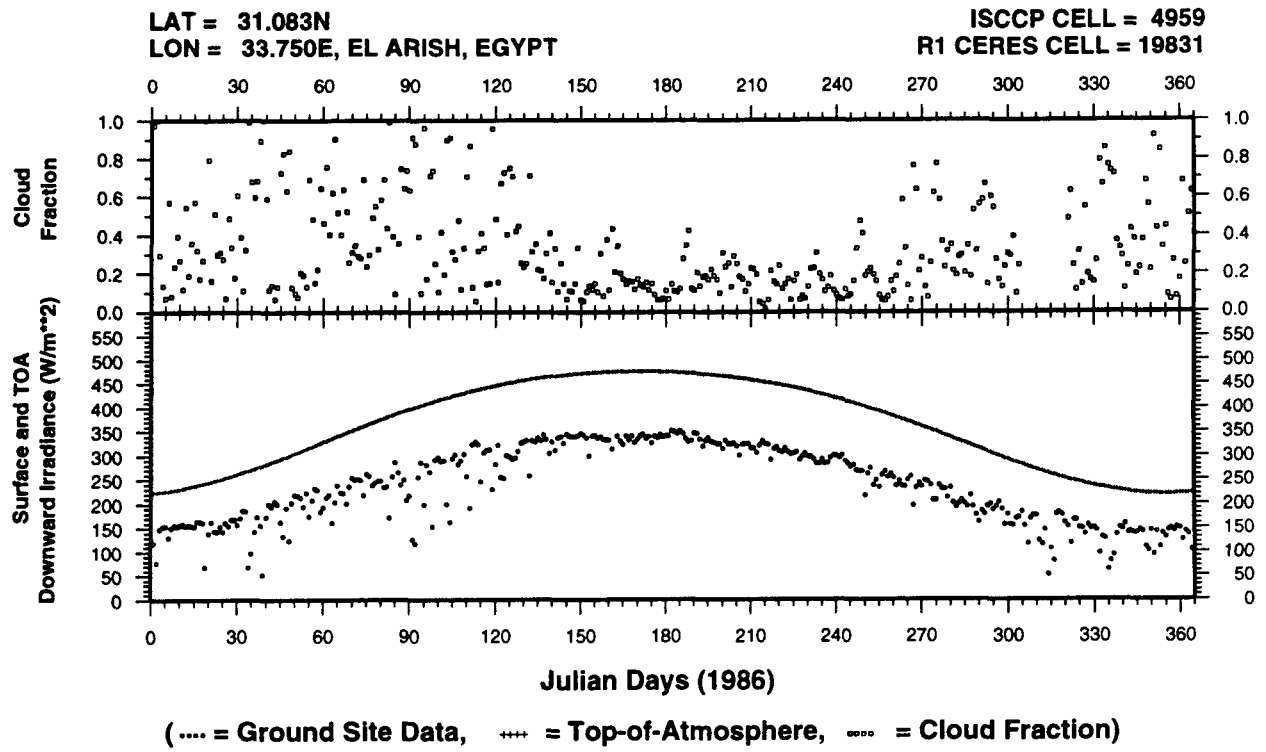


Figure F6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EL ARISH, EGYPT.

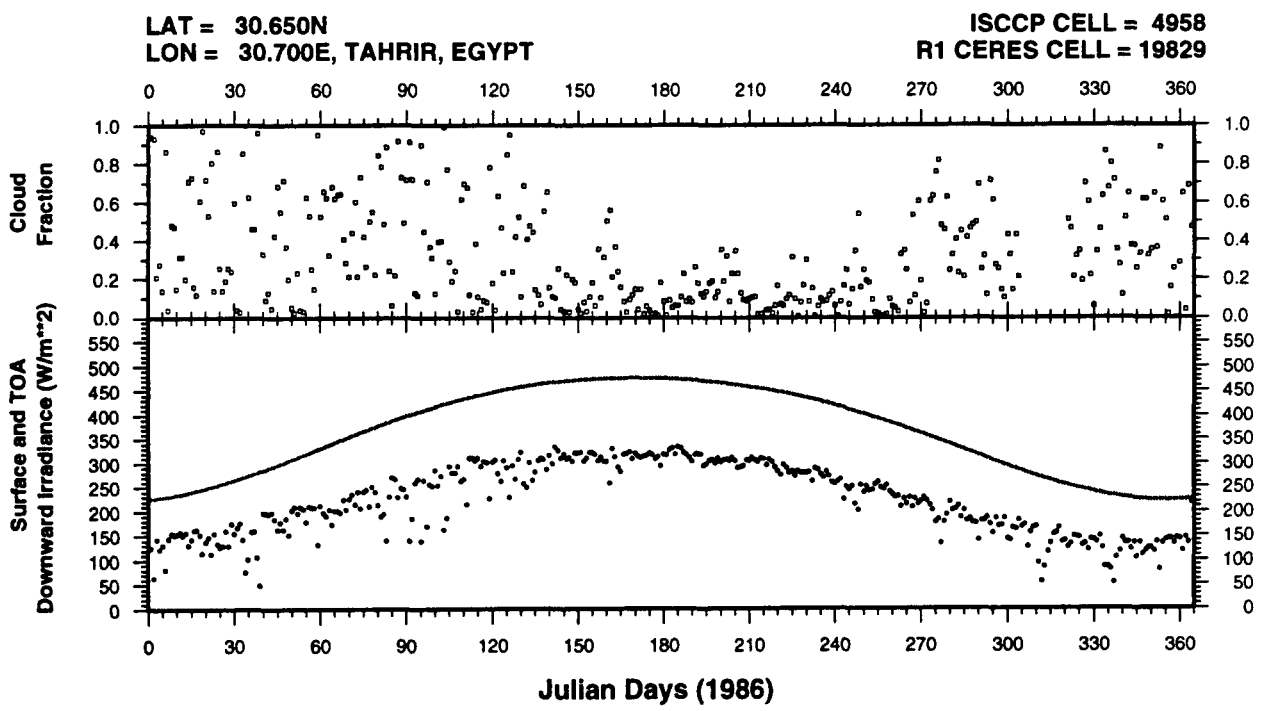


Figure F7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TAHRIR, EGYPT.

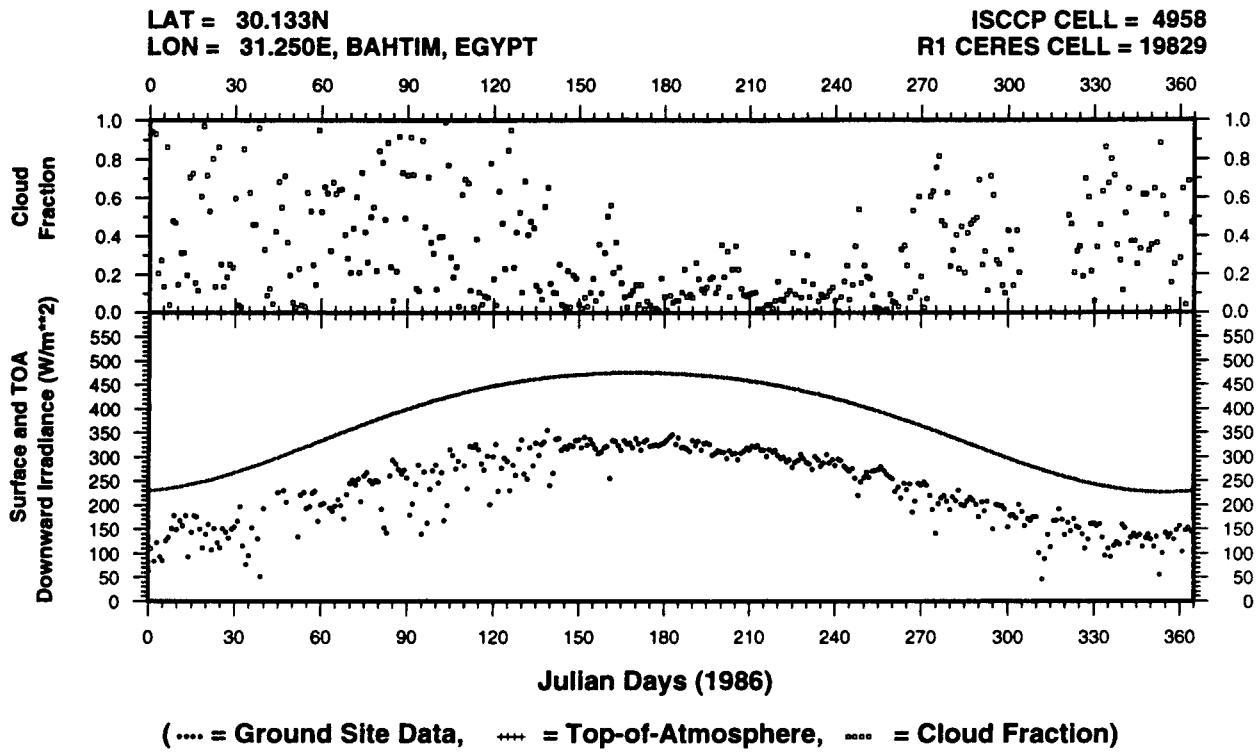


Figure F8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BAHTIM, EGYPT.

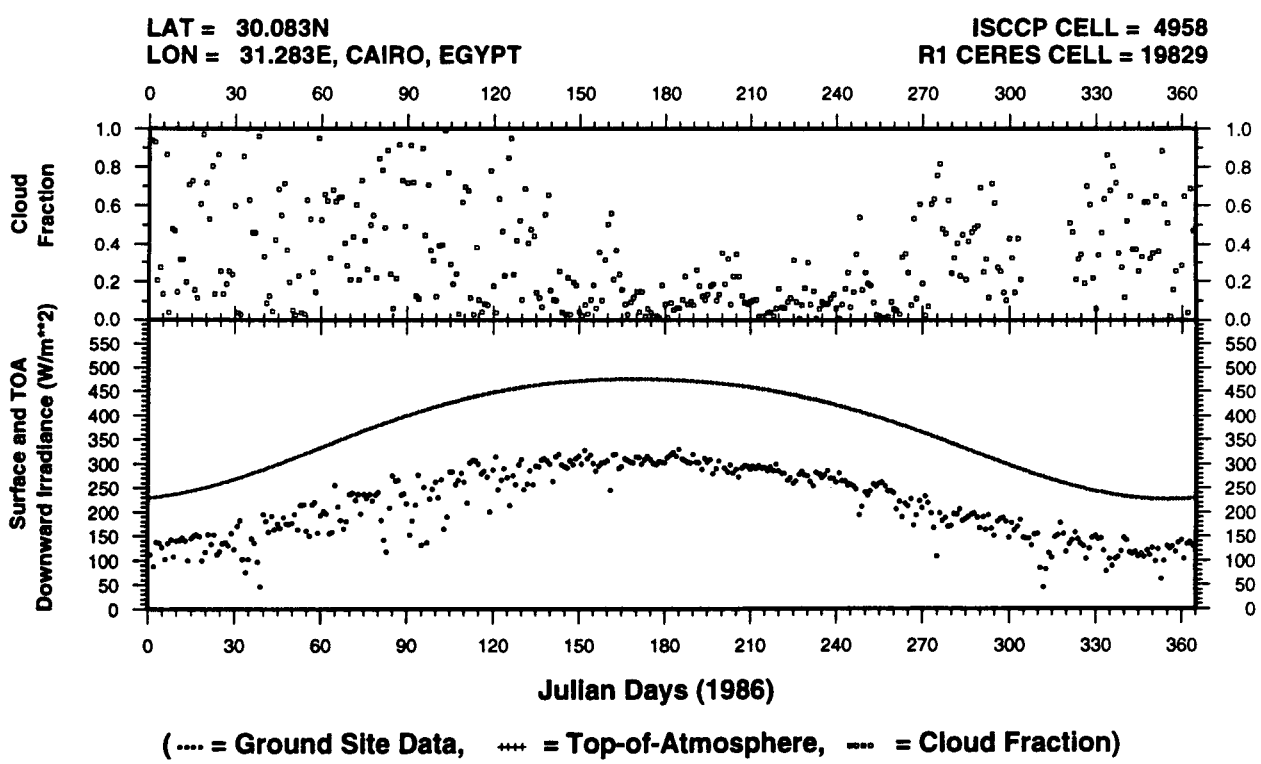
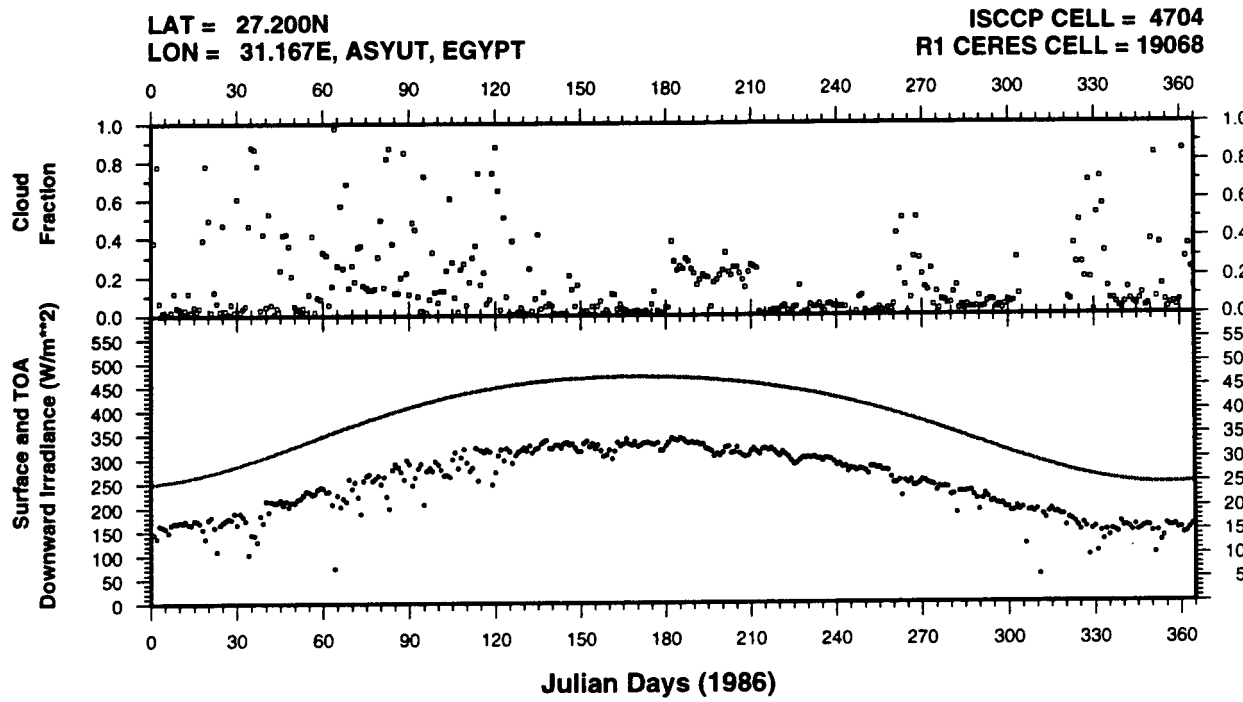
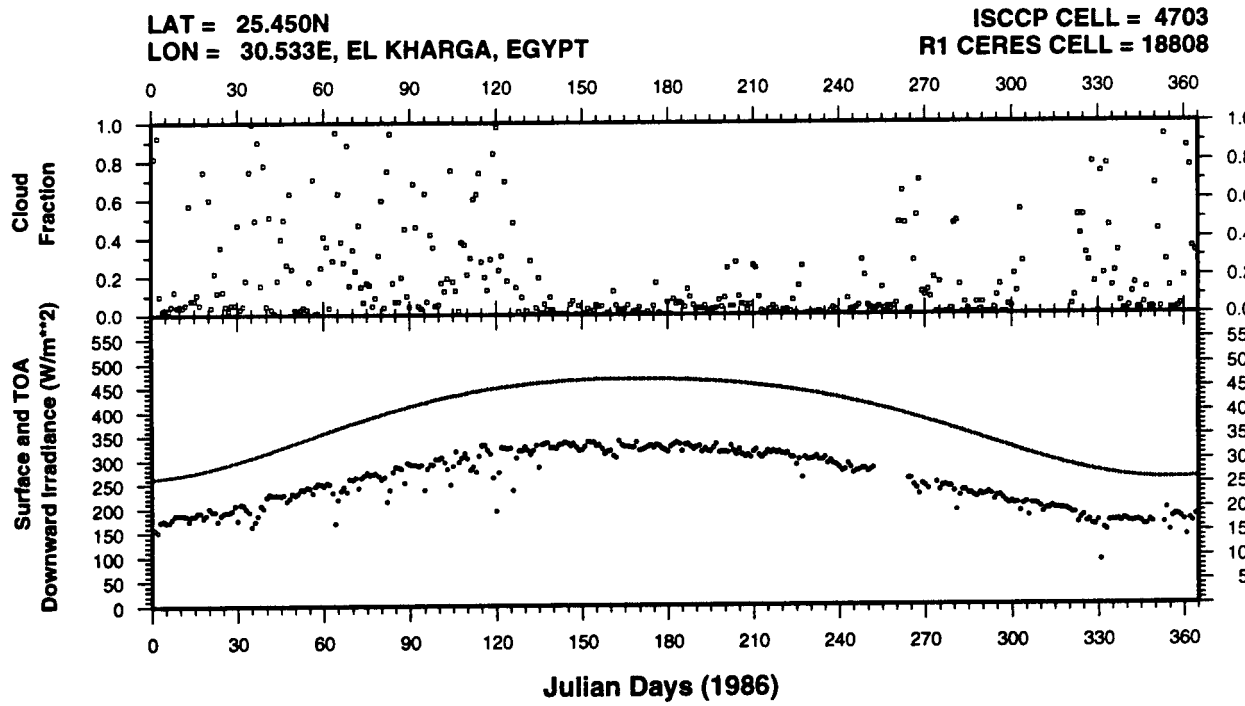


Figure F9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CAIRO, EGYPT.



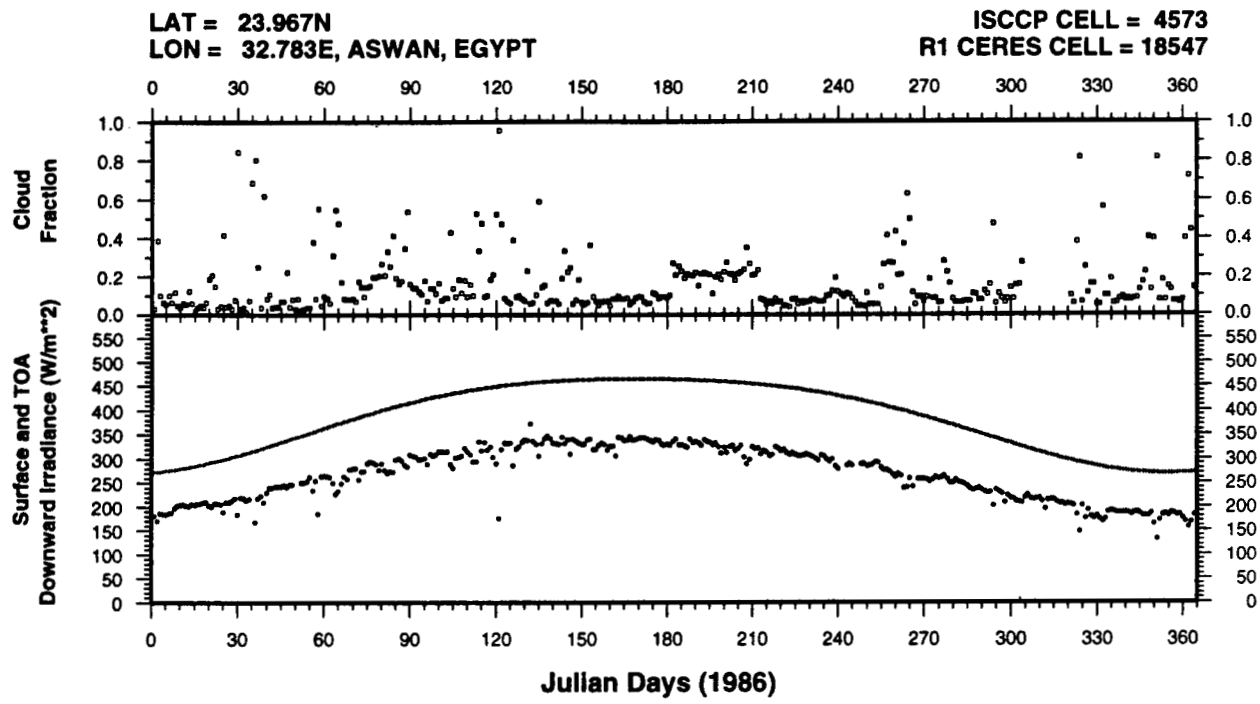
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ASYUT, EGYPT.



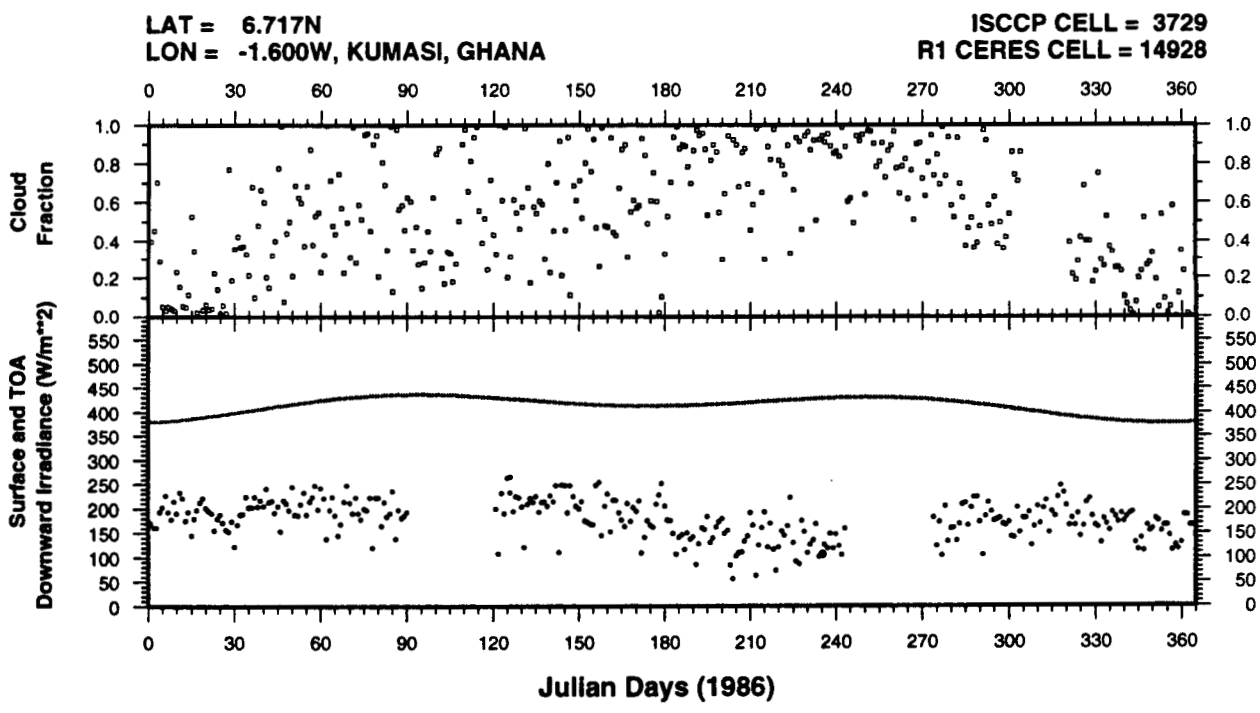
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EL KHARGA, EGYPT.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ASWAN, EGYPT.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KUMASI, GHANA.

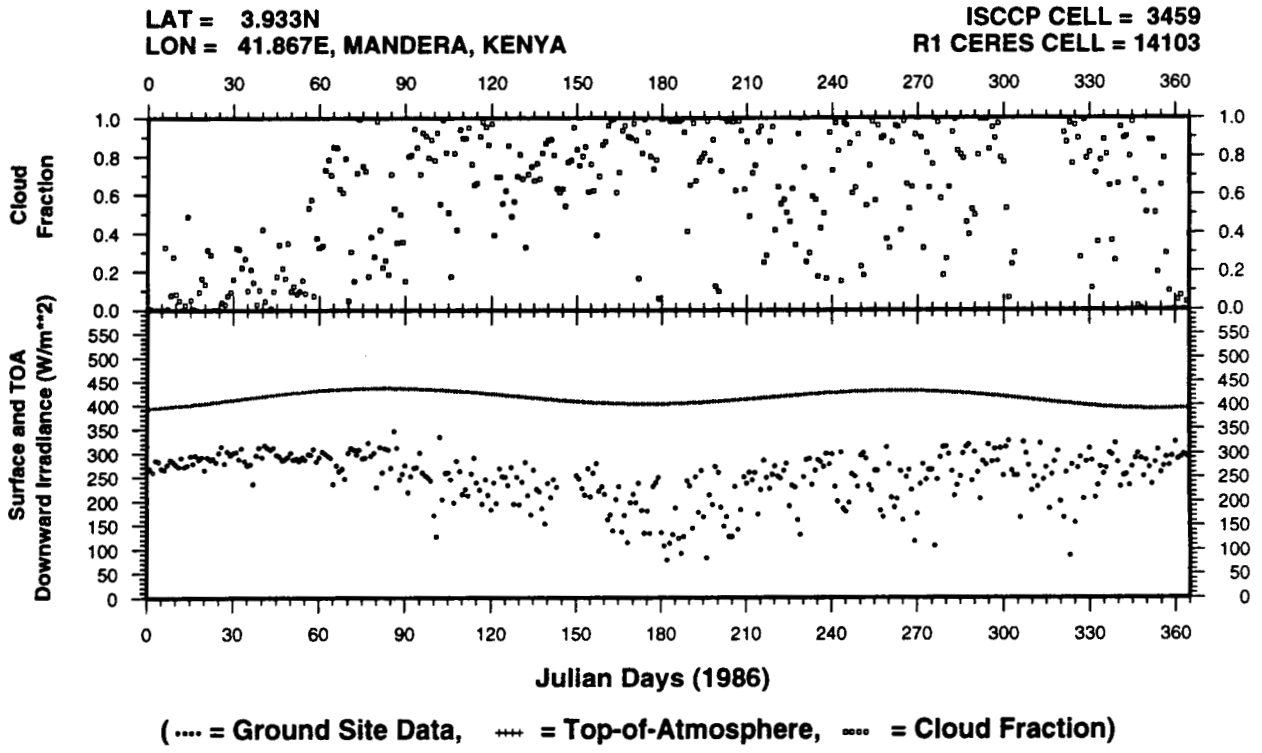


Figure F14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MANDERA, KENYA.

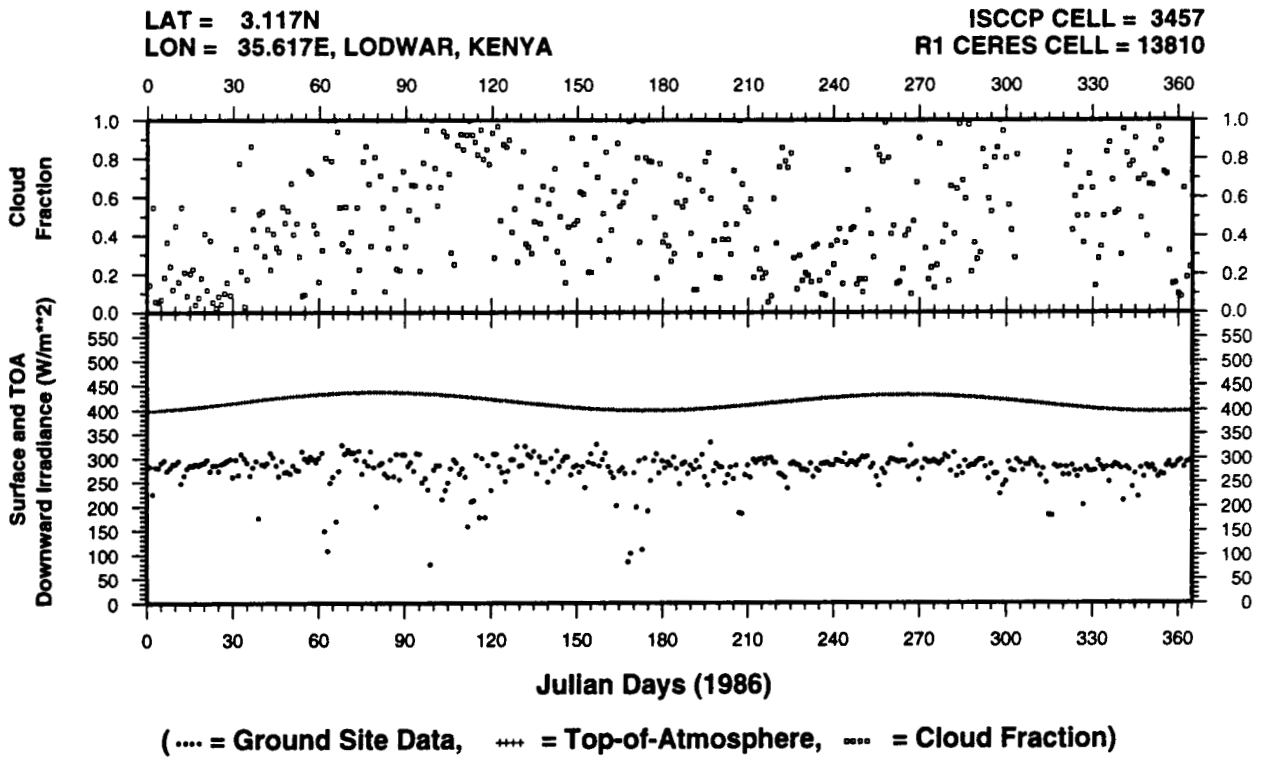


Figure F15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LODWAR, KENYA.

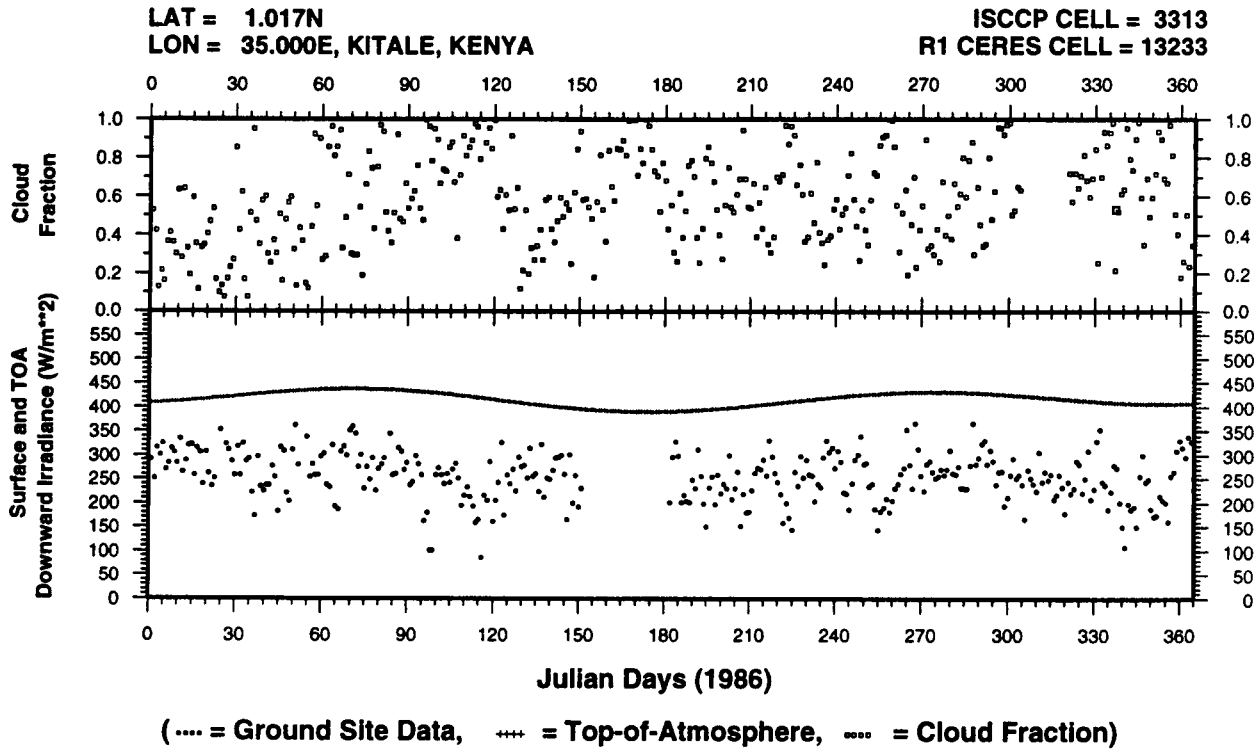


Figure F16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KITALE, KENYA.

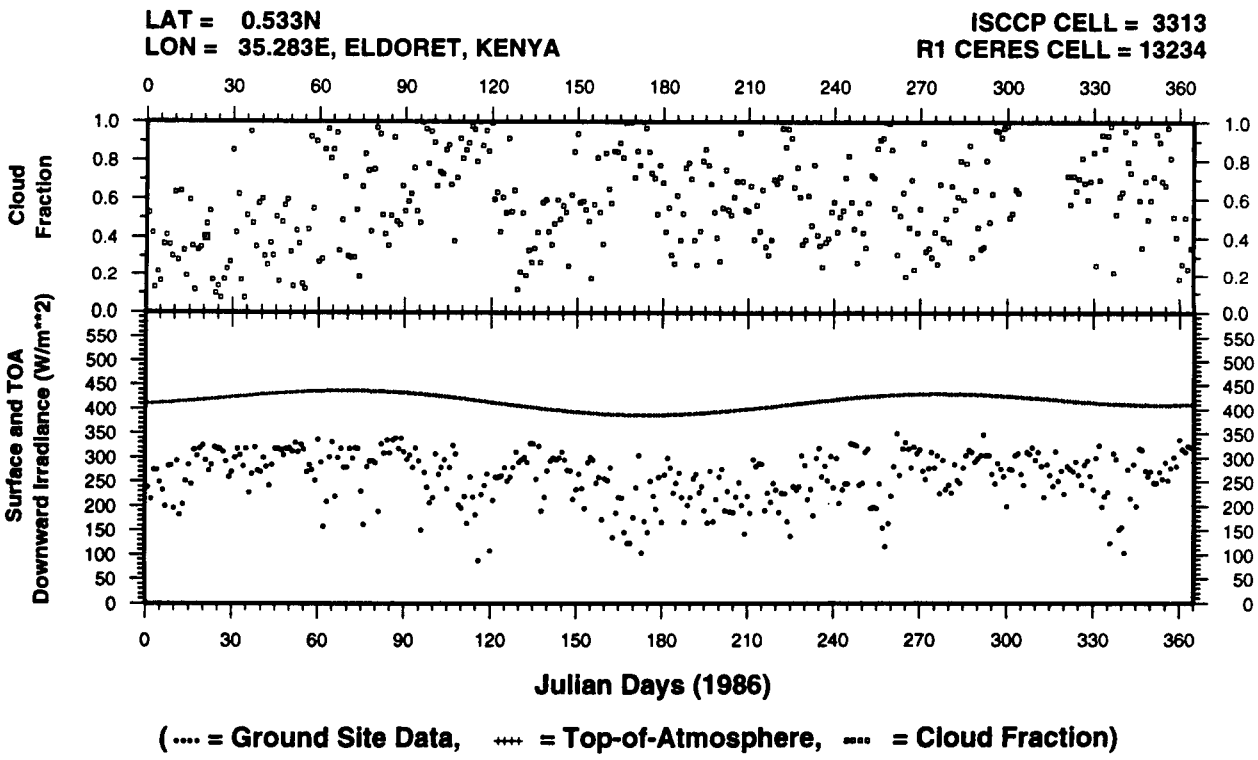
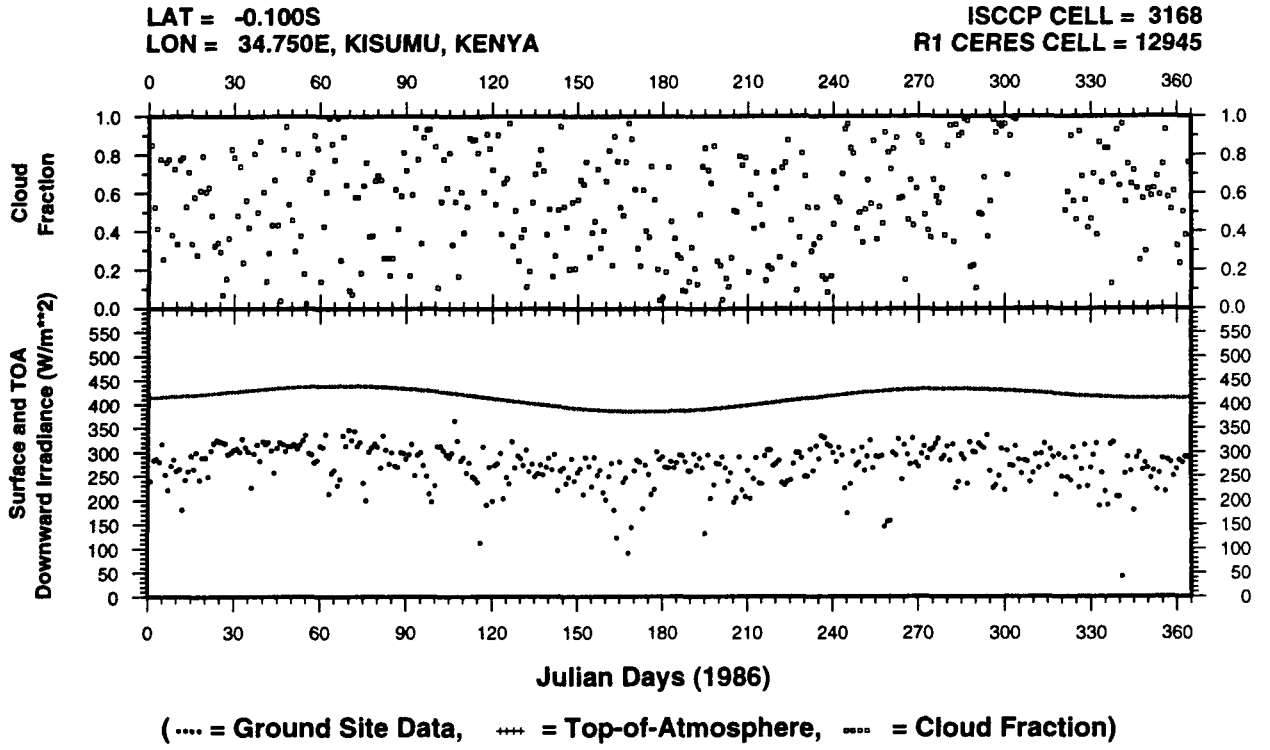
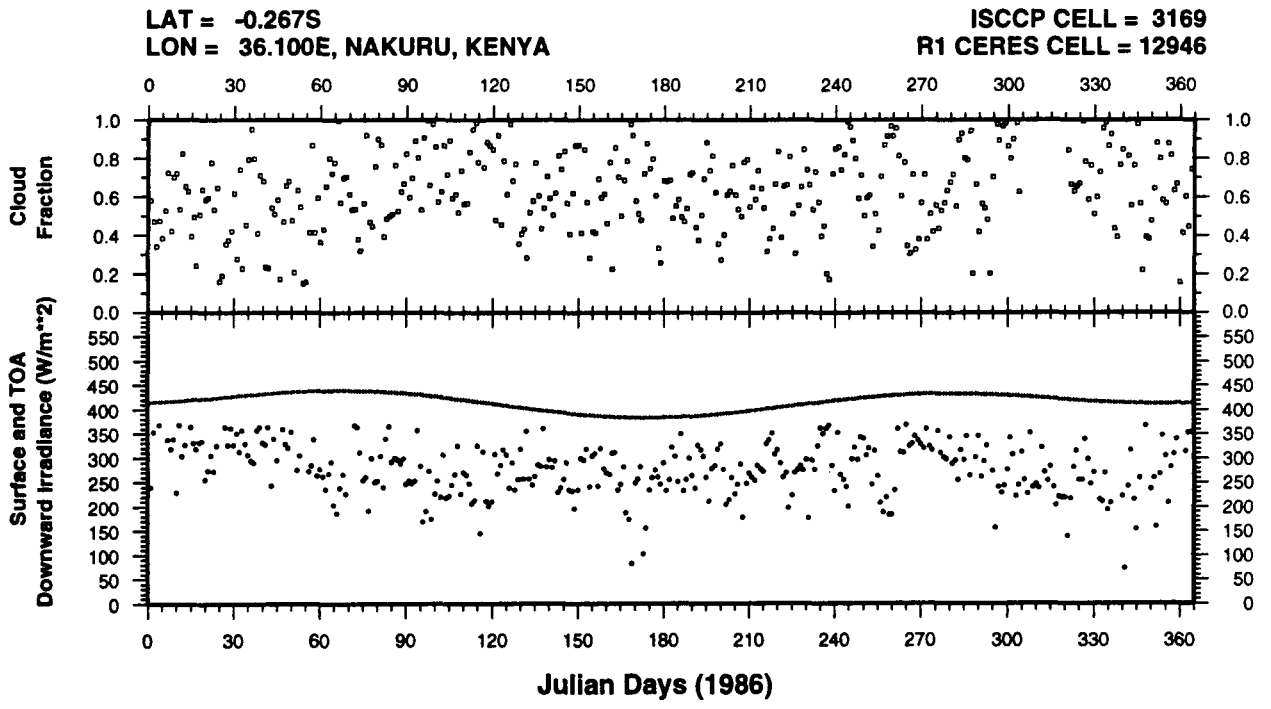


Figure F17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ELDORET, KENYA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KISUMU, KENYA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAKURU, KENYA.

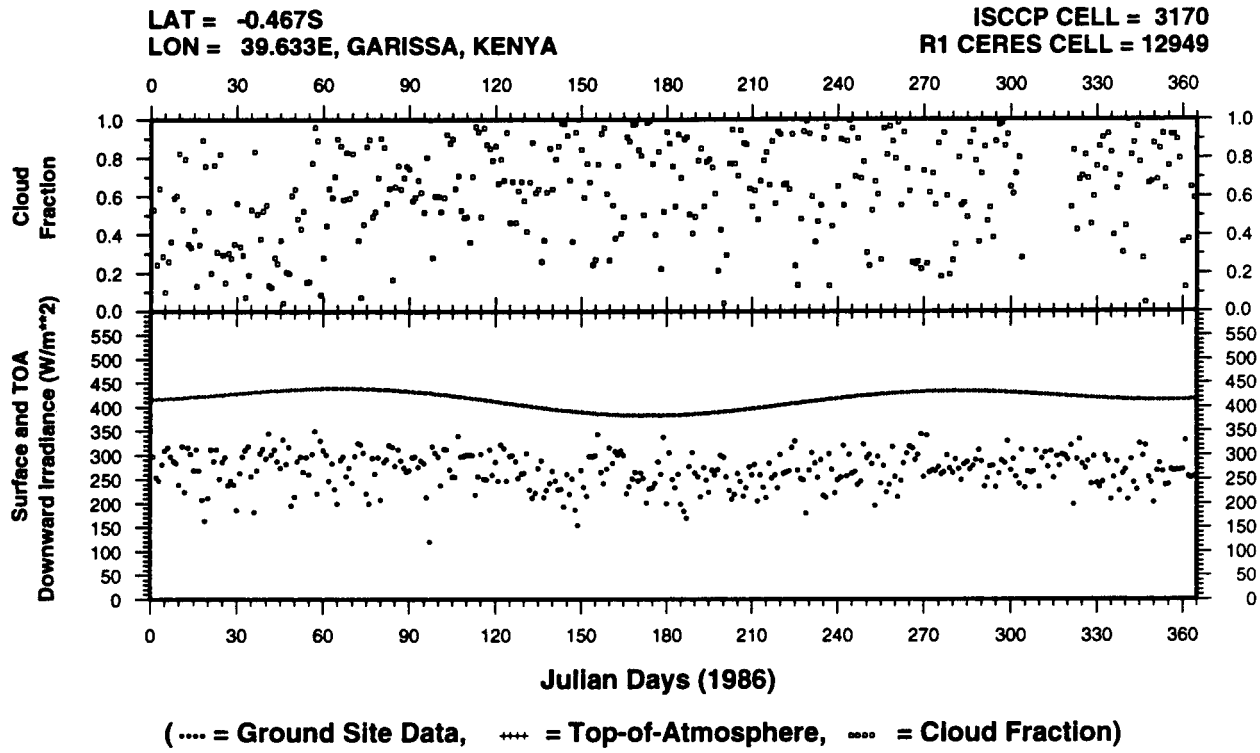


Figure F20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GARISSA, KENYA.

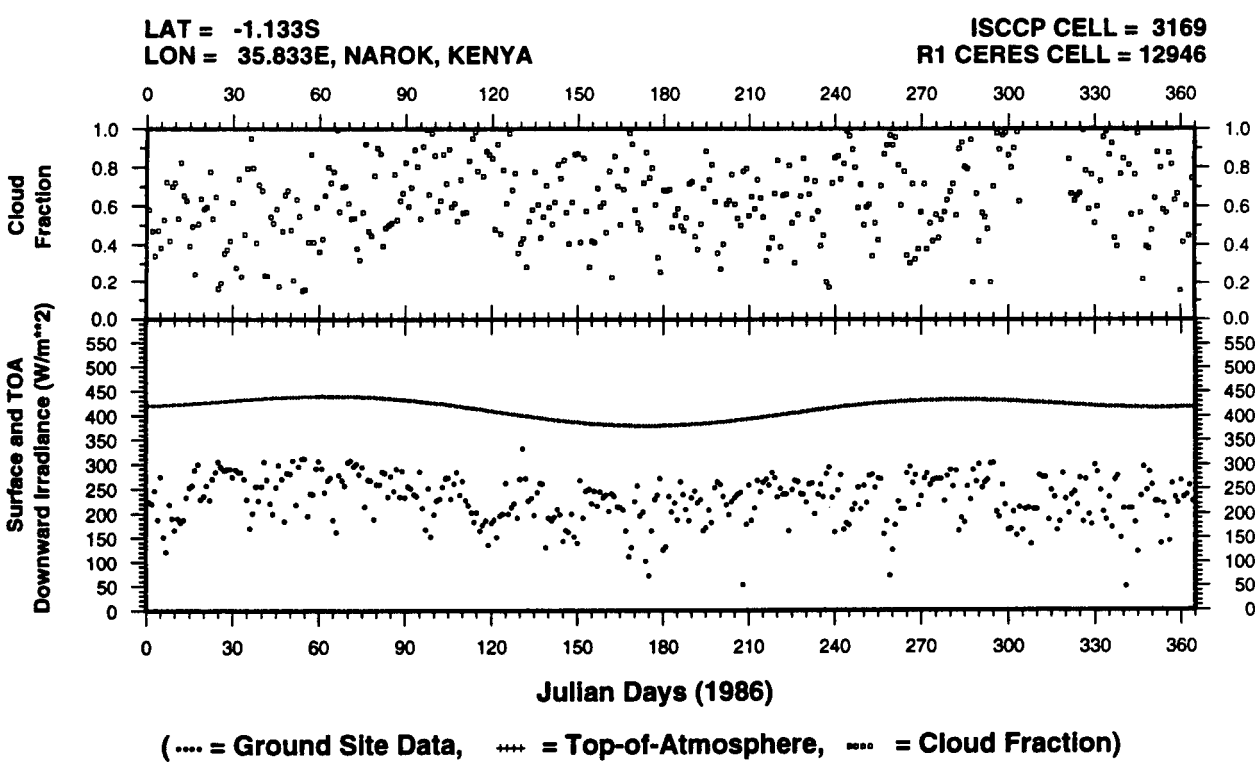
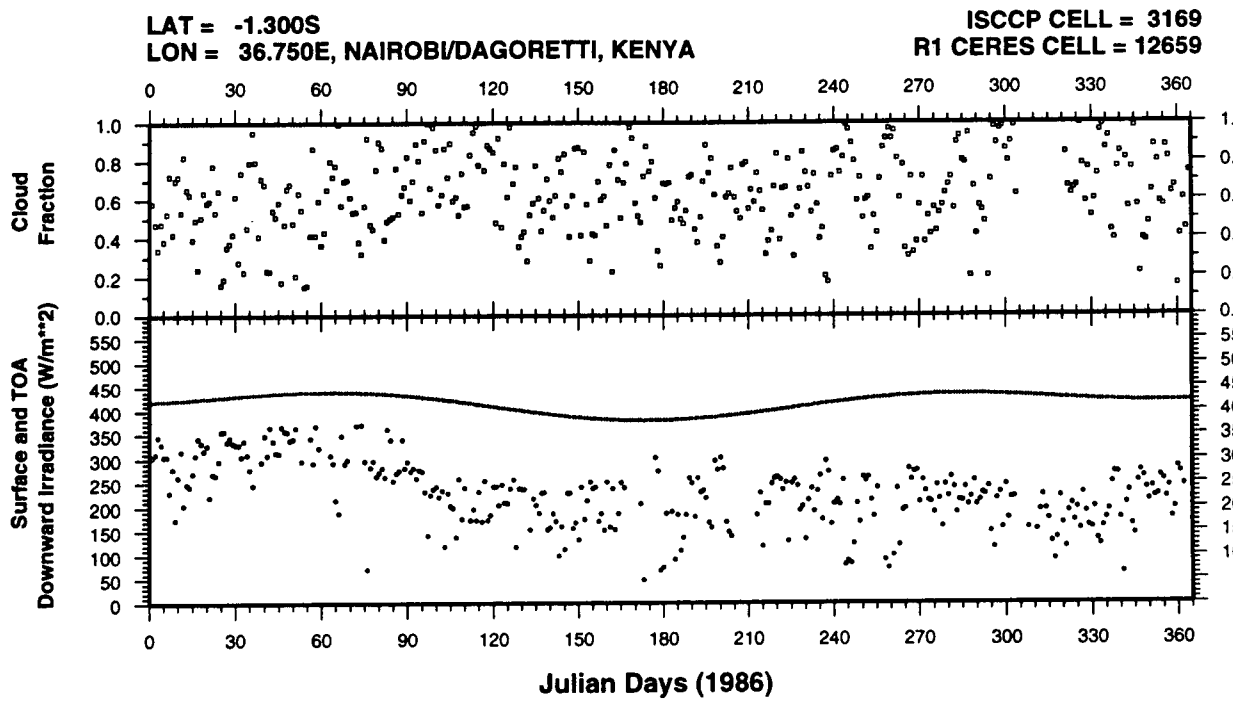
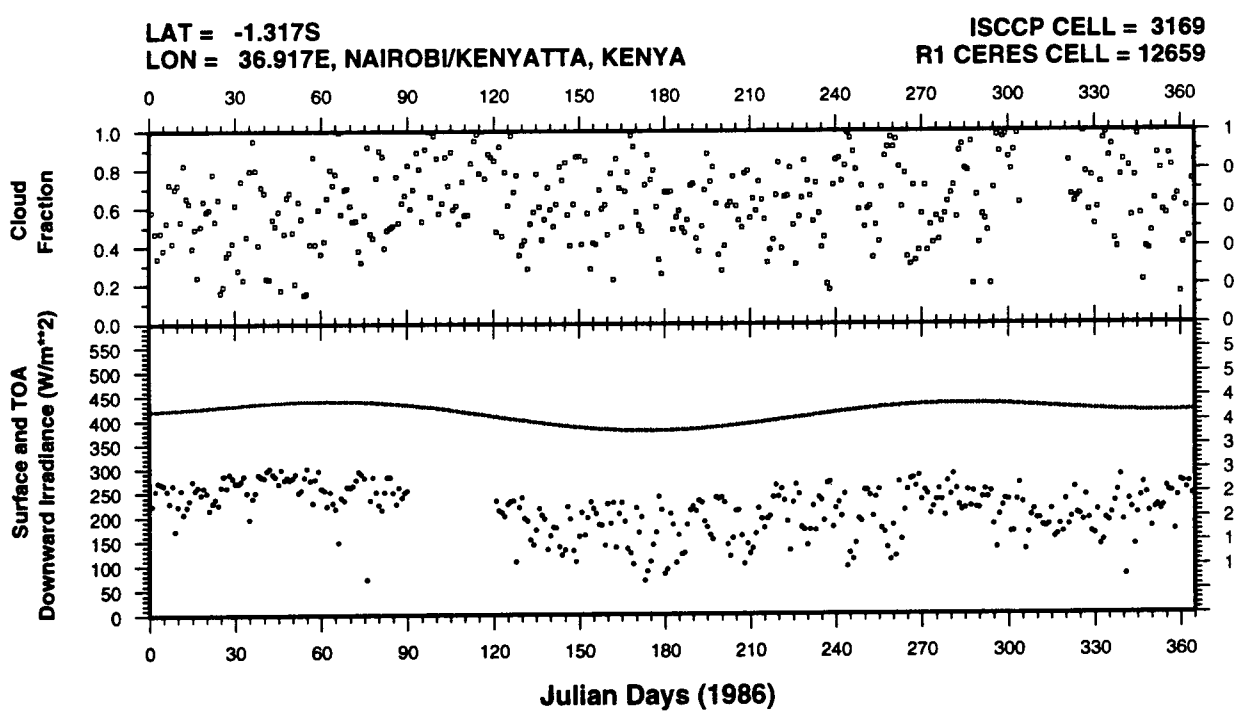


Figure F21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAROK, KENYA.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAIROBI/DAGORETTI, KENYA.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAIROBI/KENYATTA, KENYA.

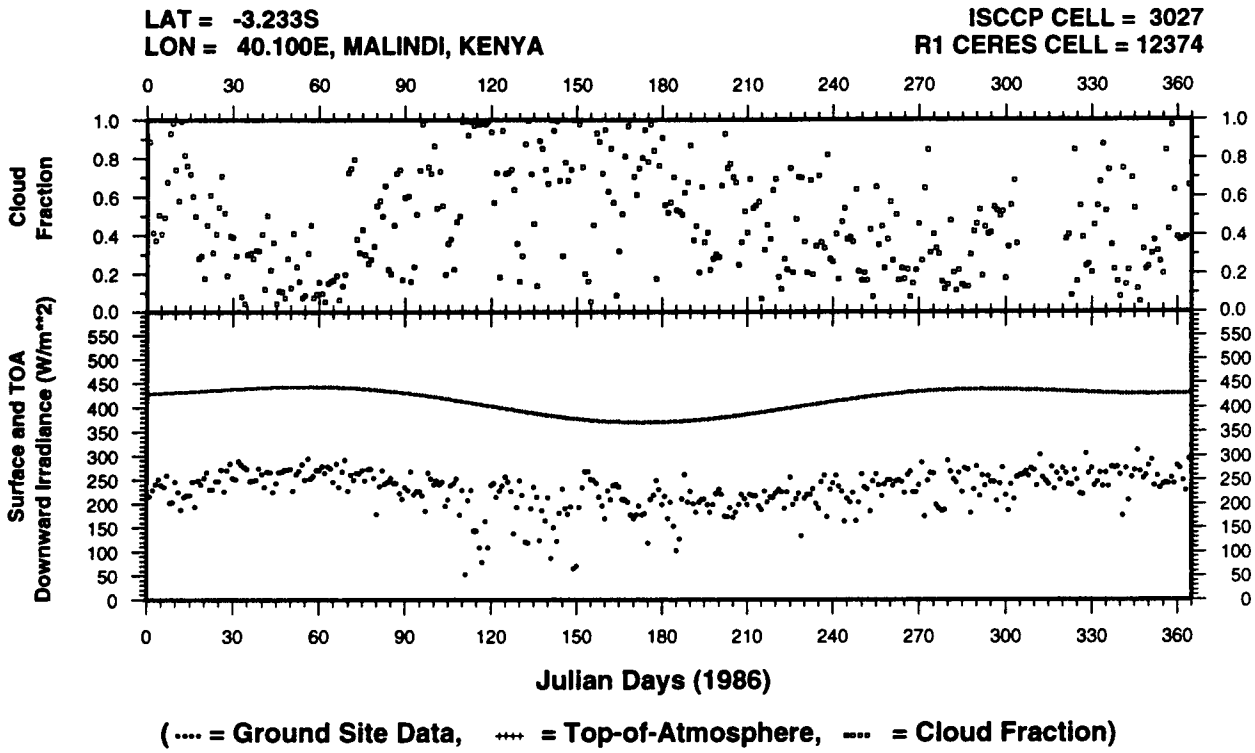


Figure F24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MALINDI, KENYA.

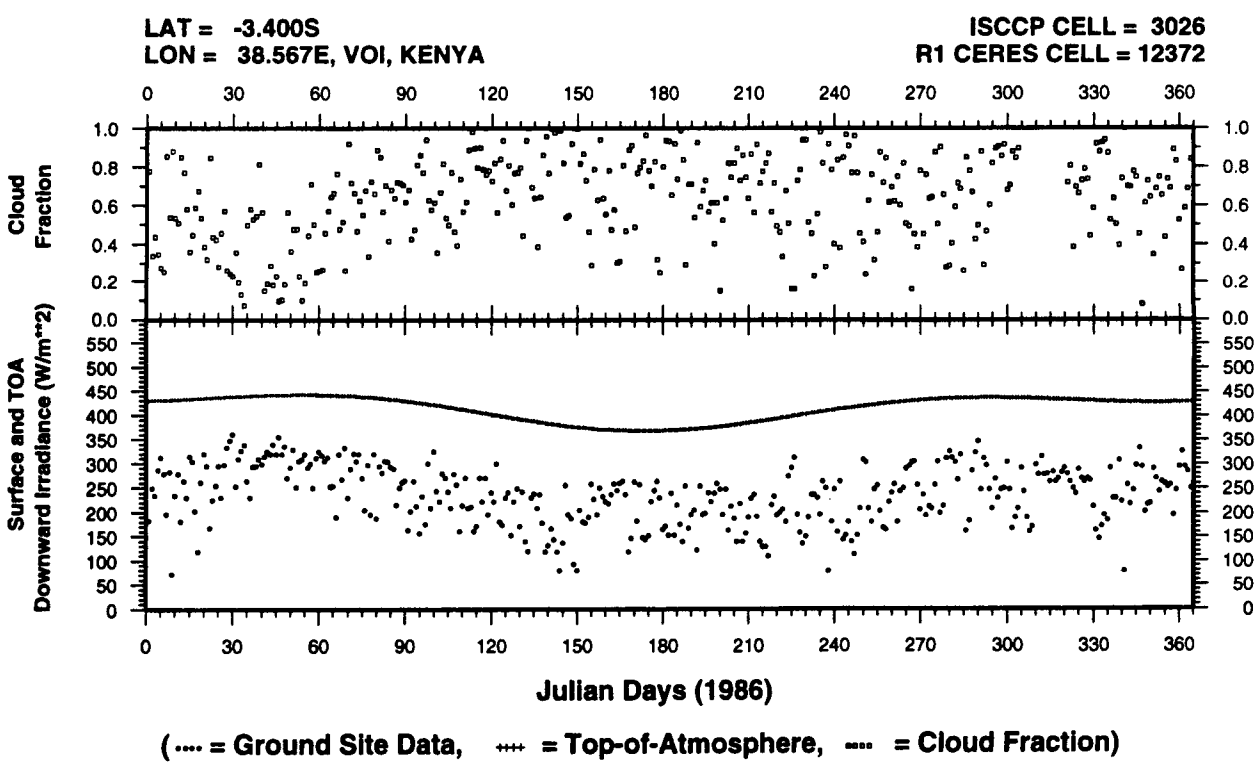


Figure F25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for VOI, KENYA.

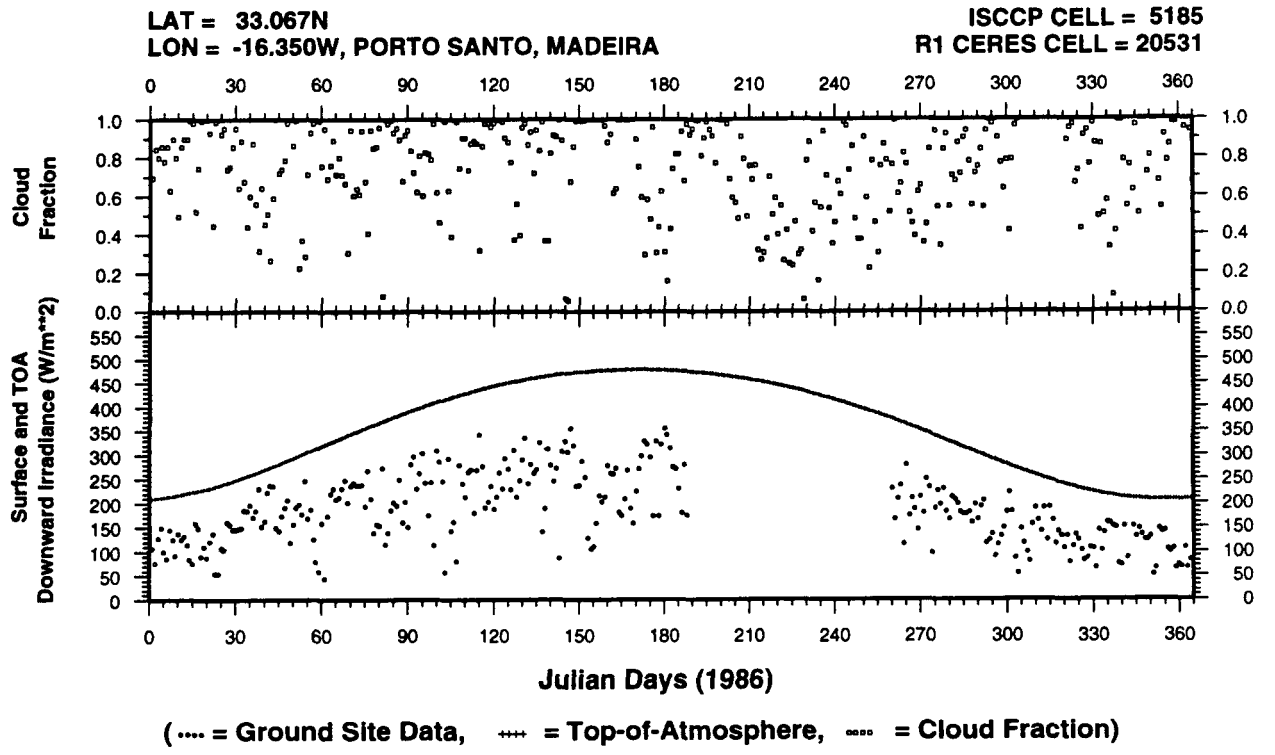


Figure F26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PORTO SANTO, MADEIRA.

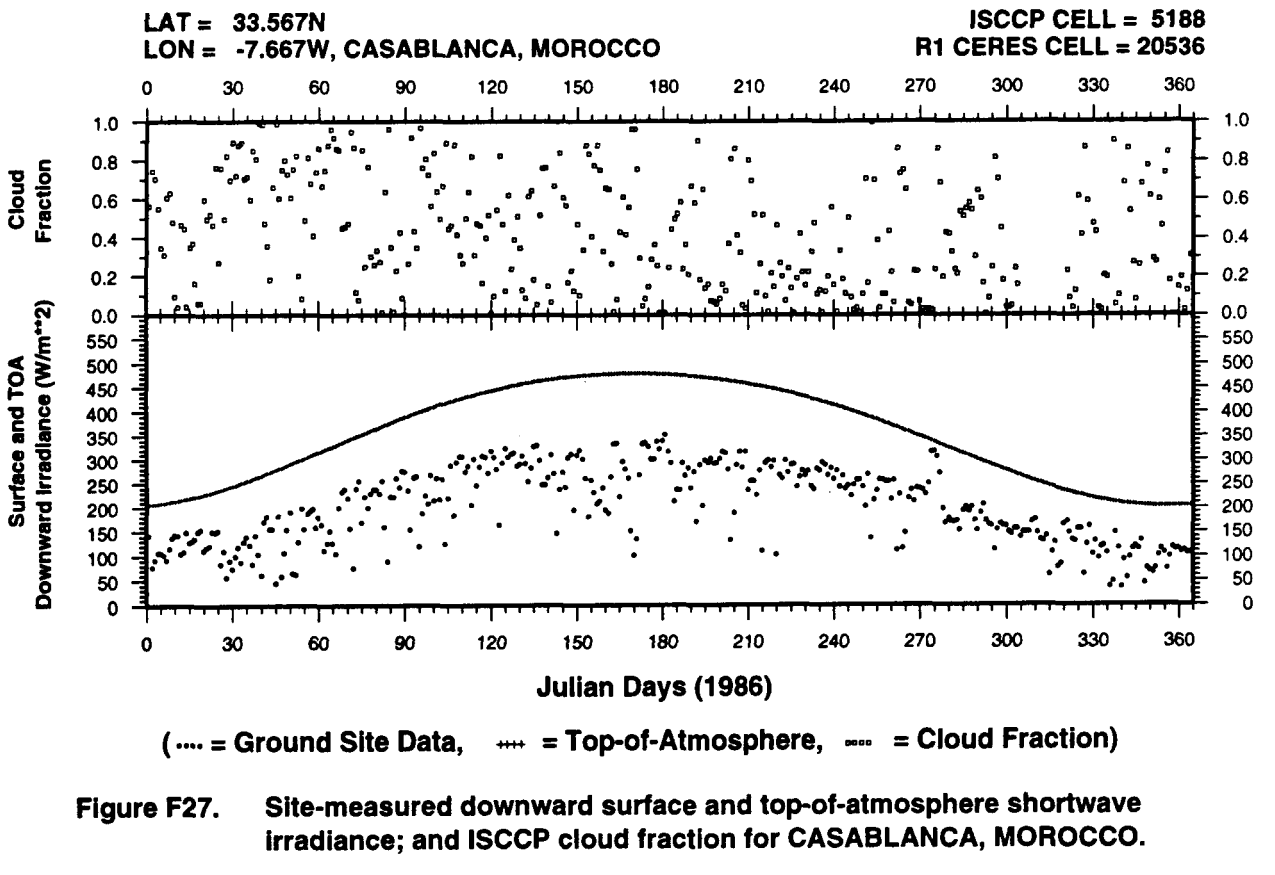


Figure F27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CASABLANCA, MOROCCO.

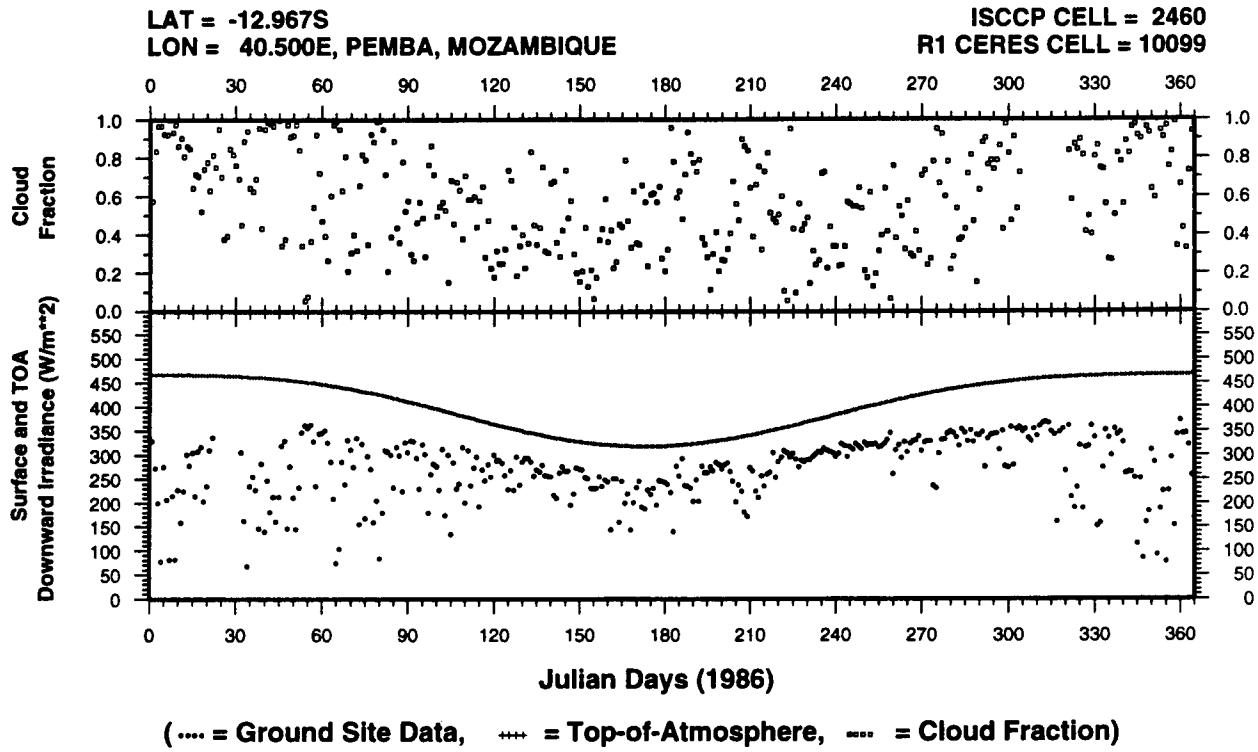


Figure F28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PEMBA, MOZAMBIQUE.

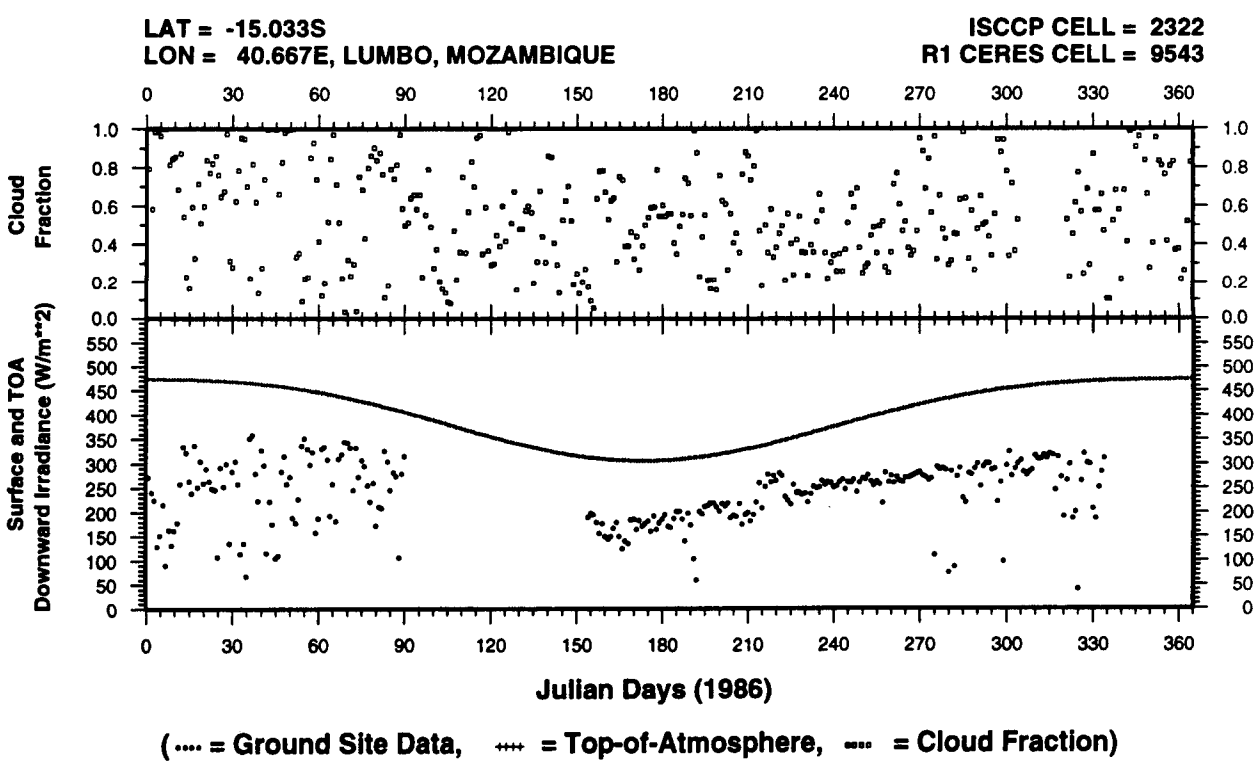
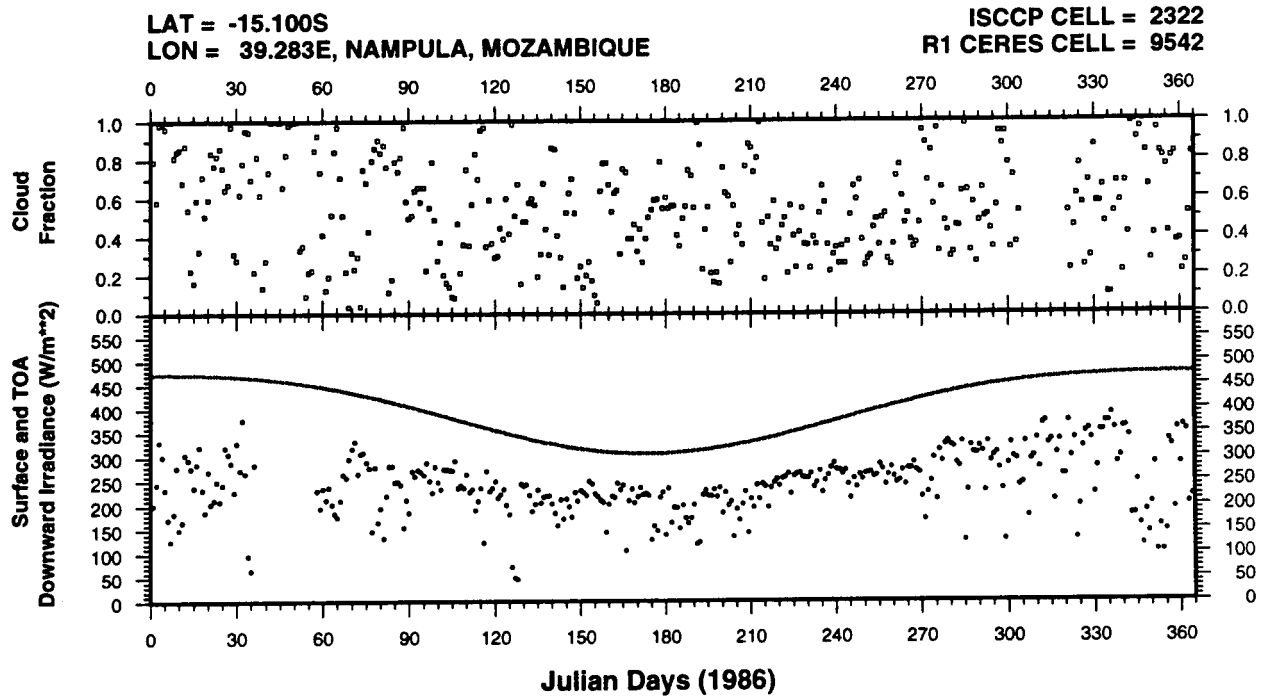
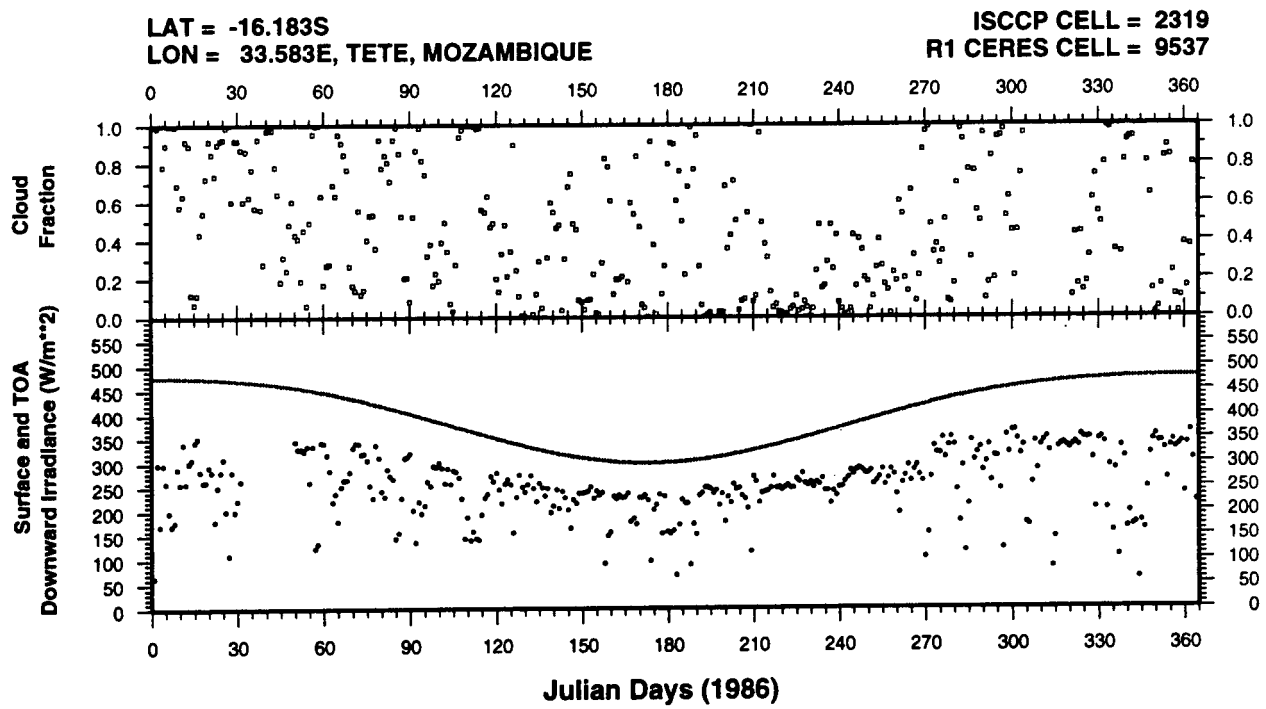


Figure F29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LUMBO, MOZAMBIQUE.



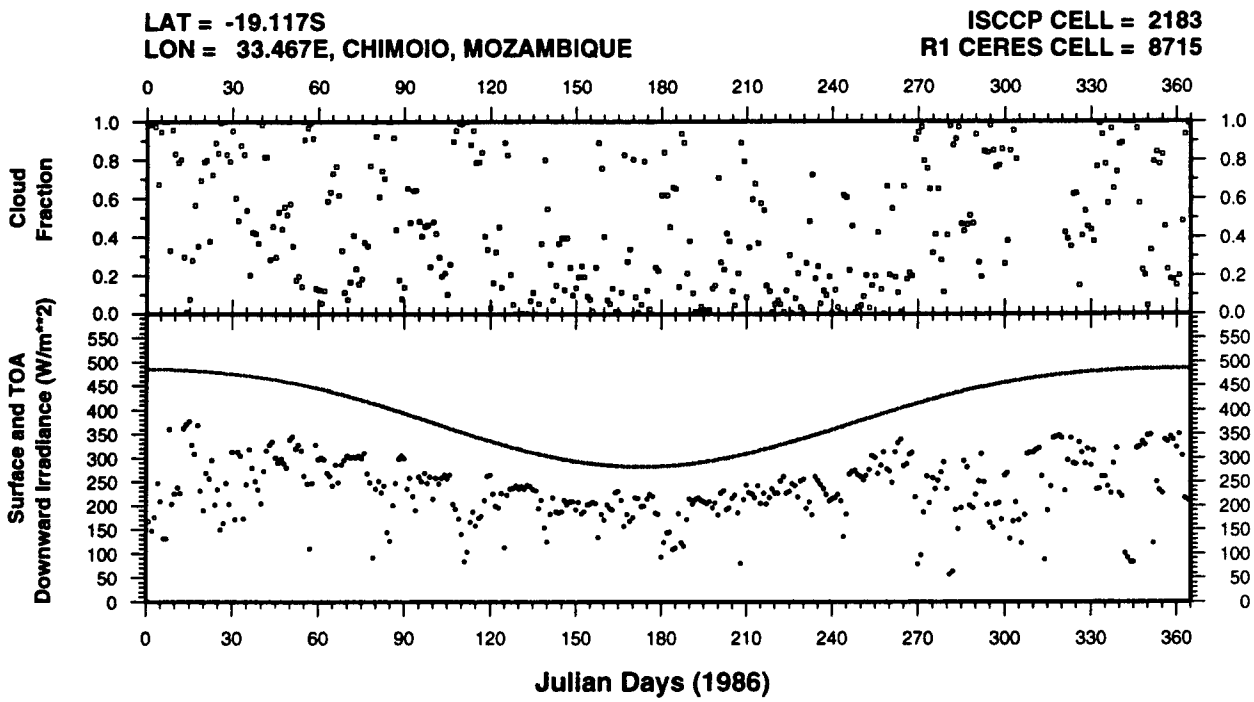
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F30. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NAMPULA, MOZAMBIQUE.



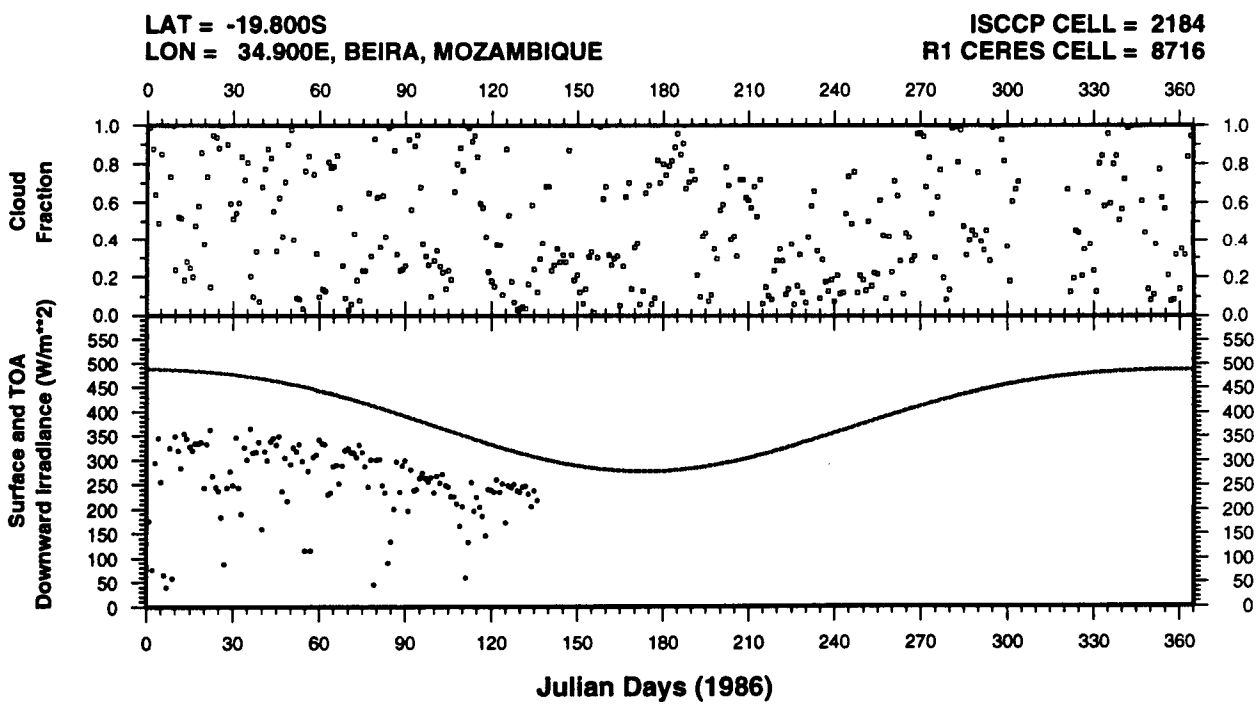
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F31. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TETE, MOZAMBIQUE.



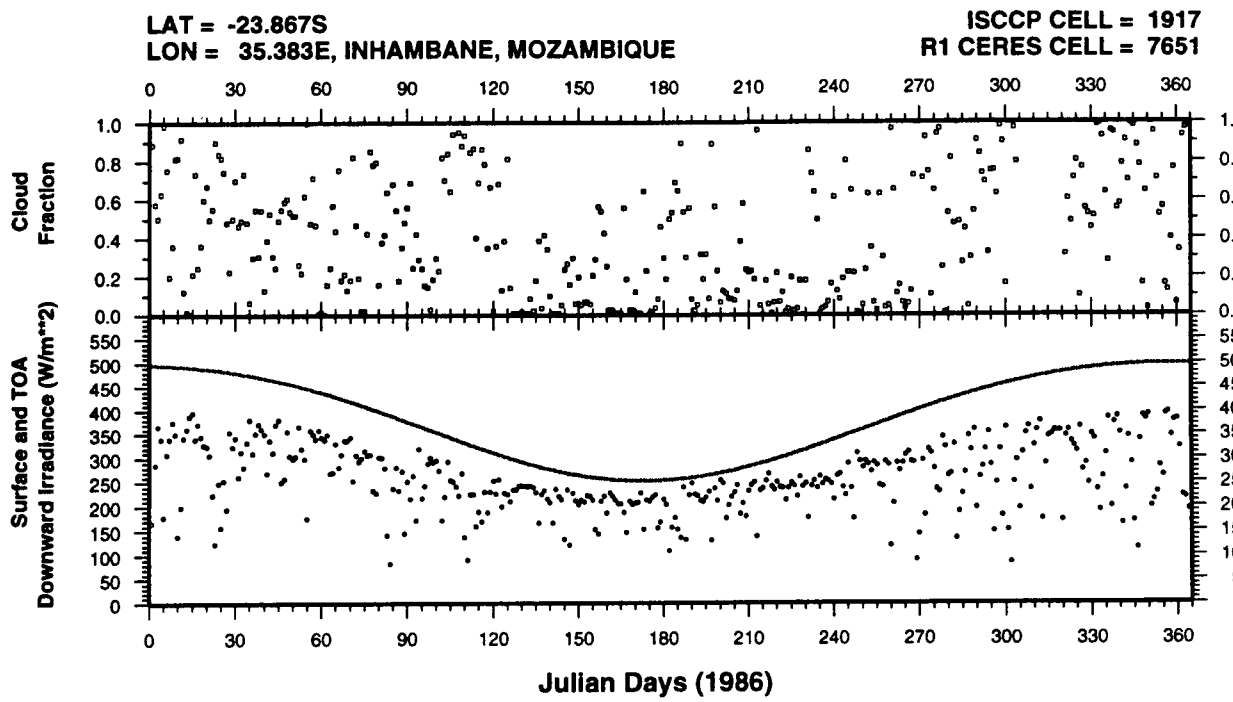
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F32. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHIMOIO, MOZAMBIQUE.



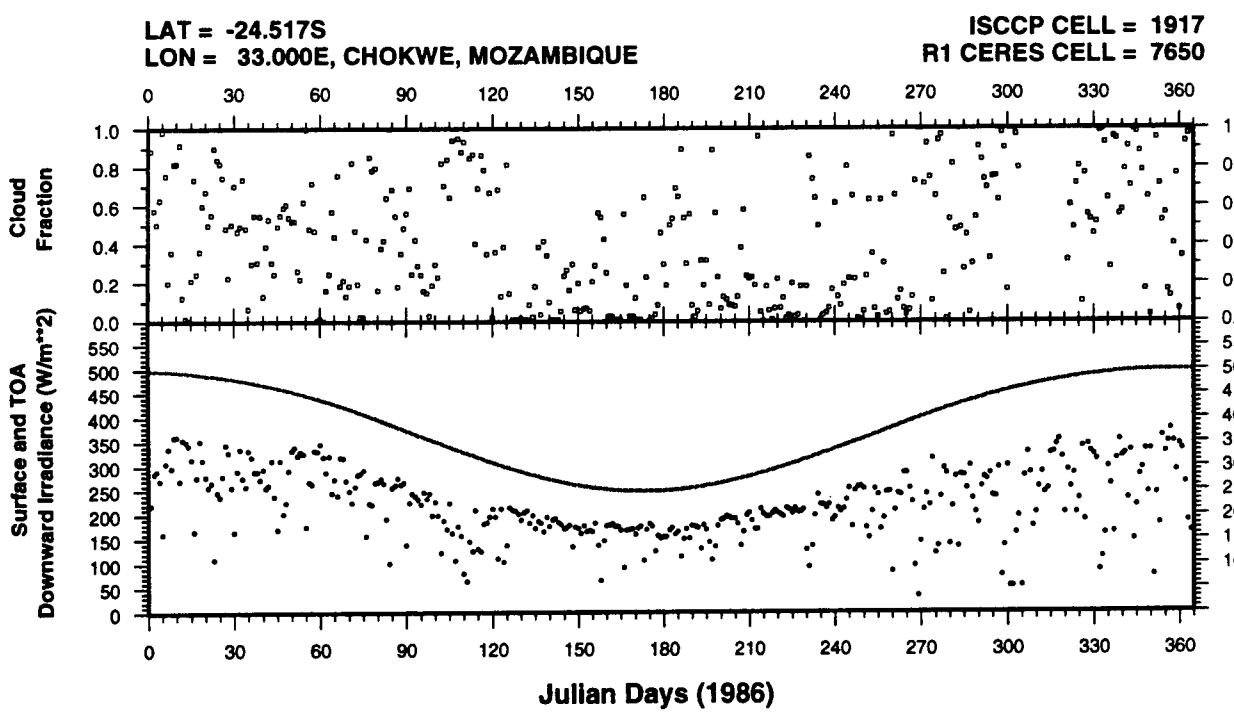
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F33. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BEIRA, MOZAMBIQUE.



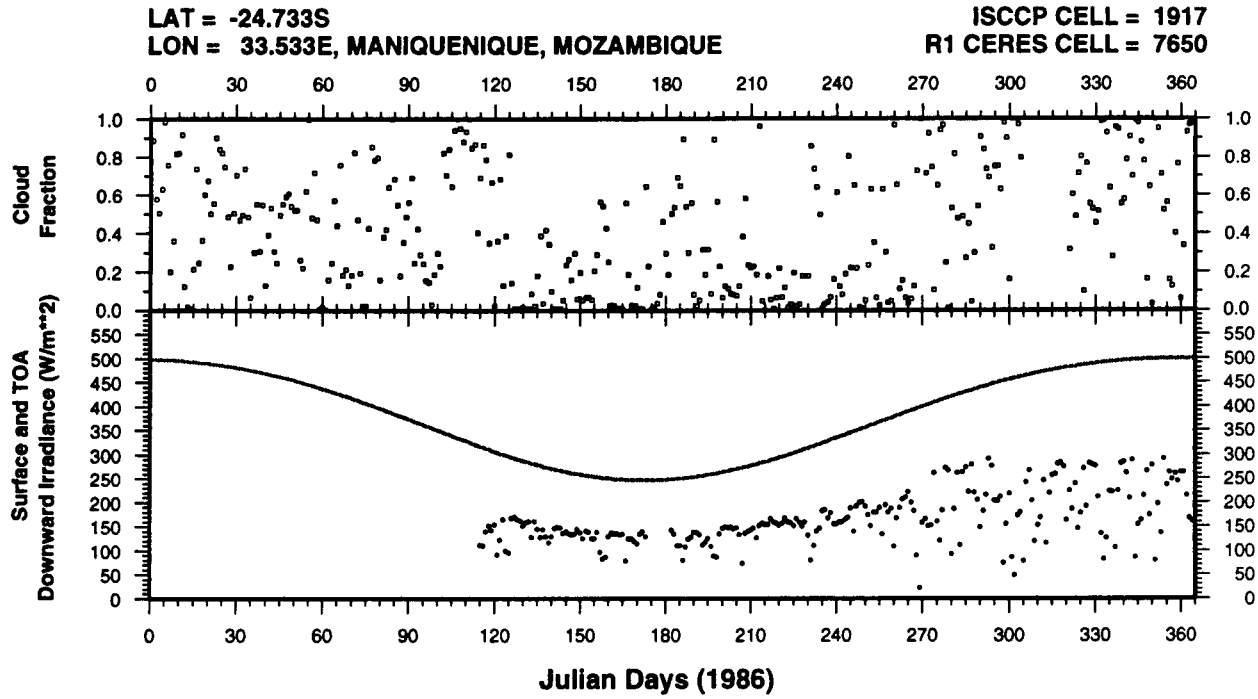
(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F34. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for INHAMBANE, MOZAMBIQUE.



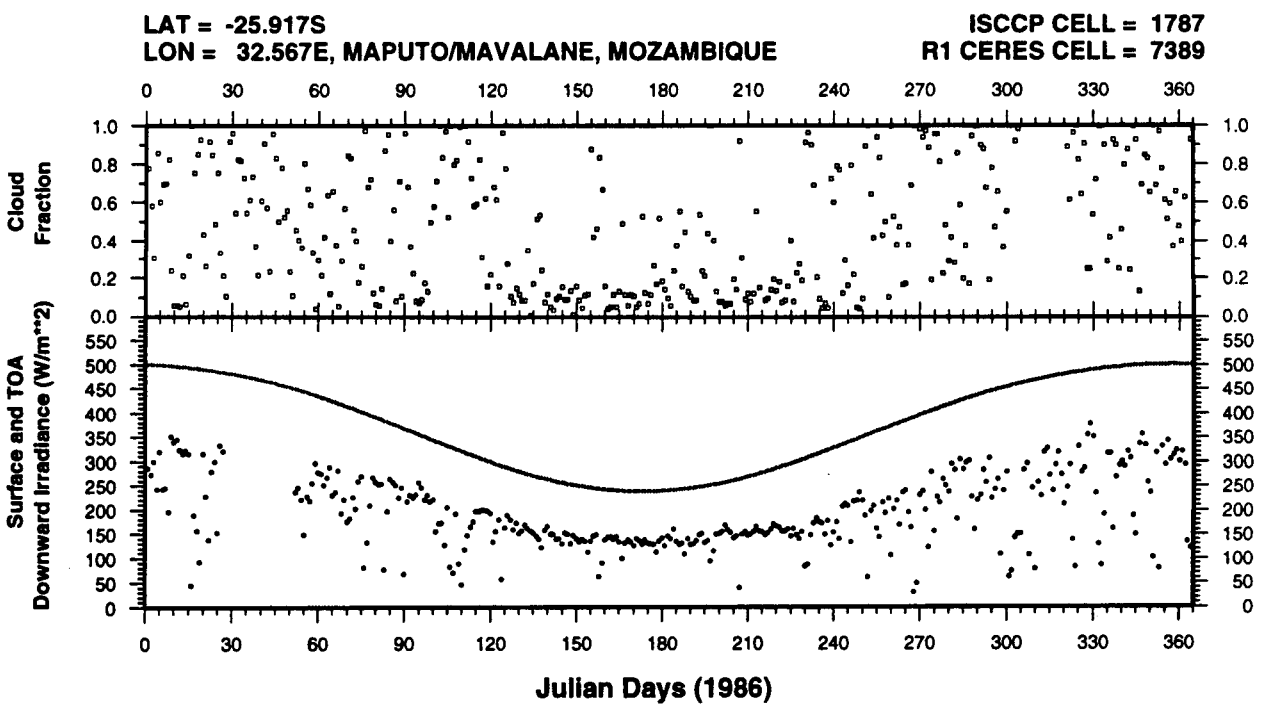
(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F35. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHOKWE, MOZAMBIQUE.



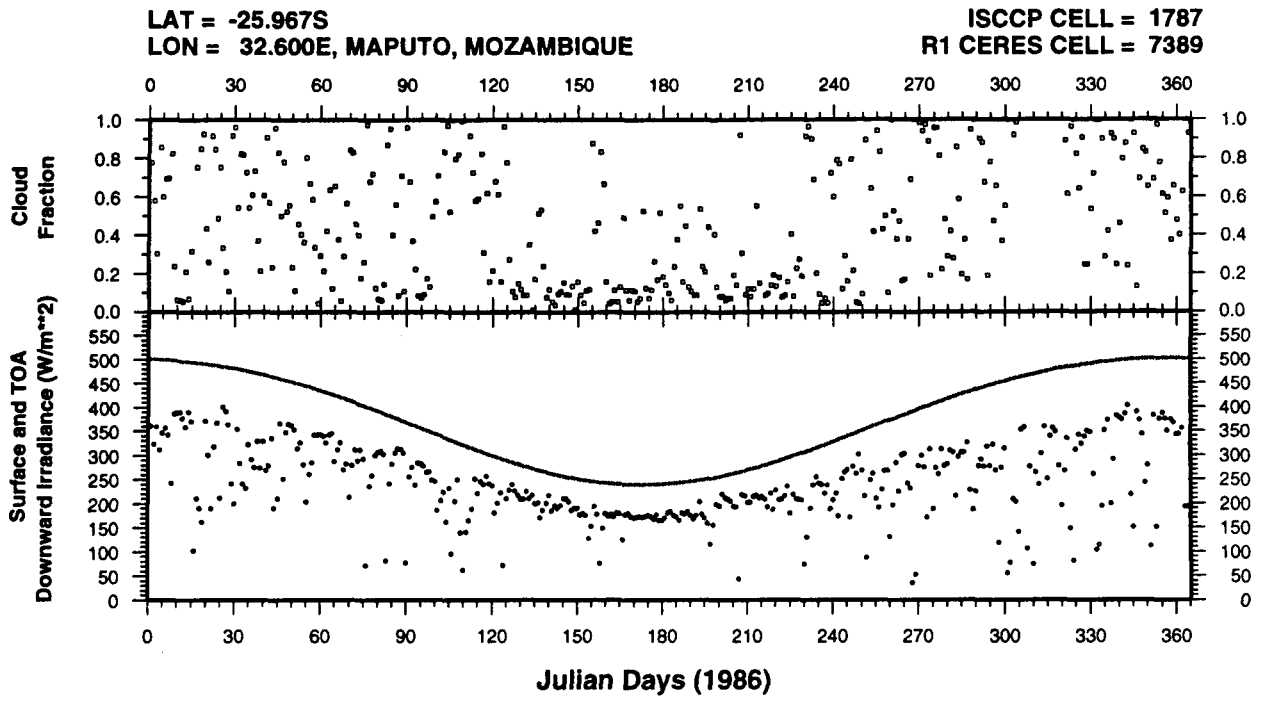
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F36. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MANIQUENIQUE, MOZAMBIQUE.



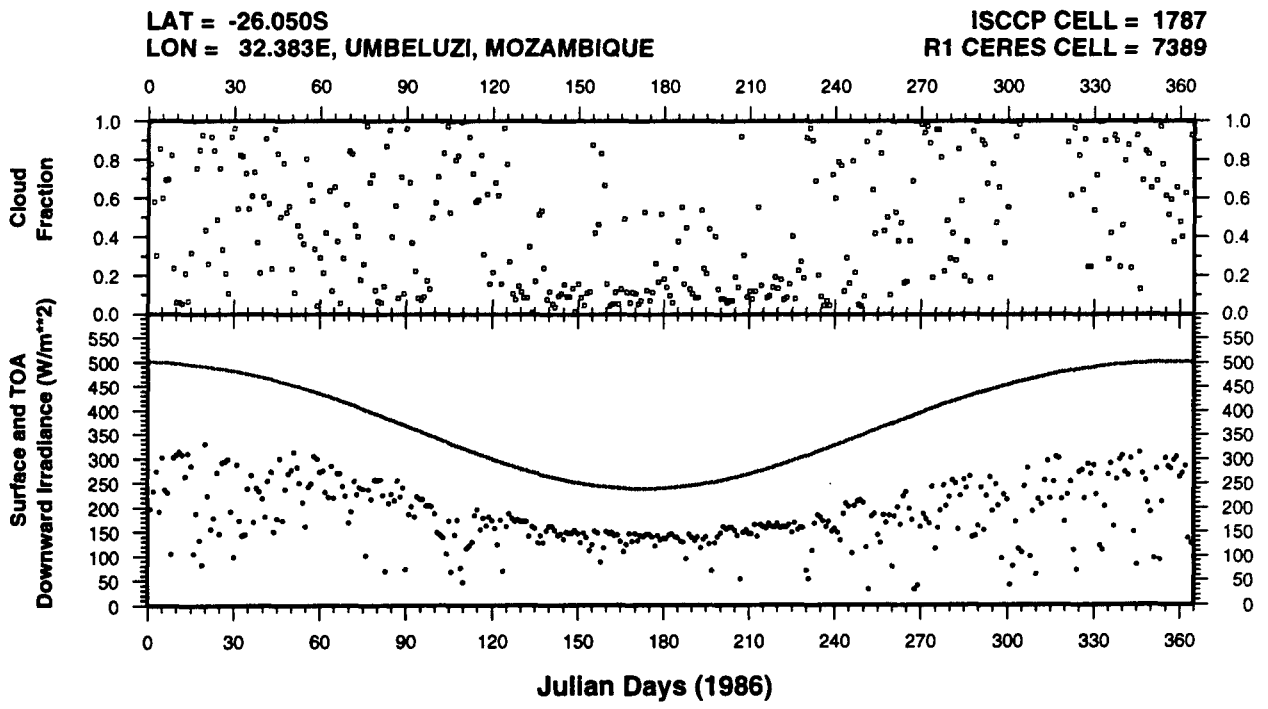
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F37. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MAPUTO/MAVALANE, MOZAMBIQUE.



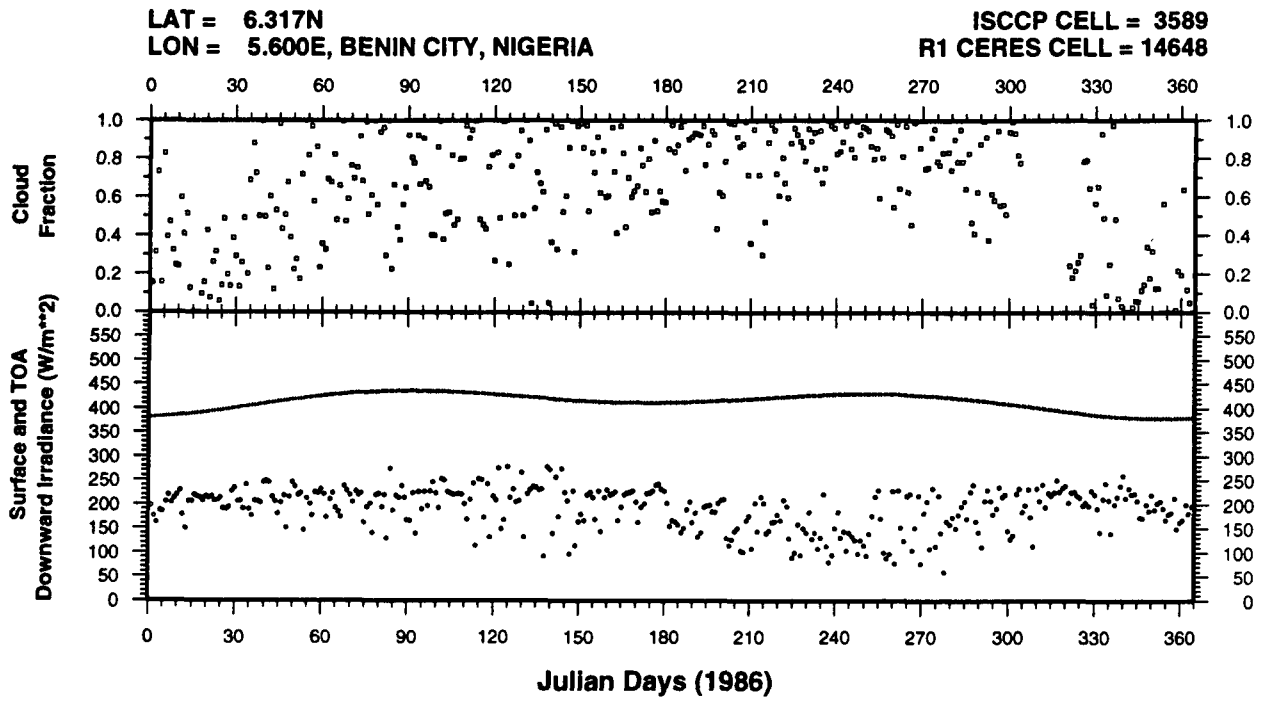
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F38. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MAPUTO, MOZAMBIQUE.



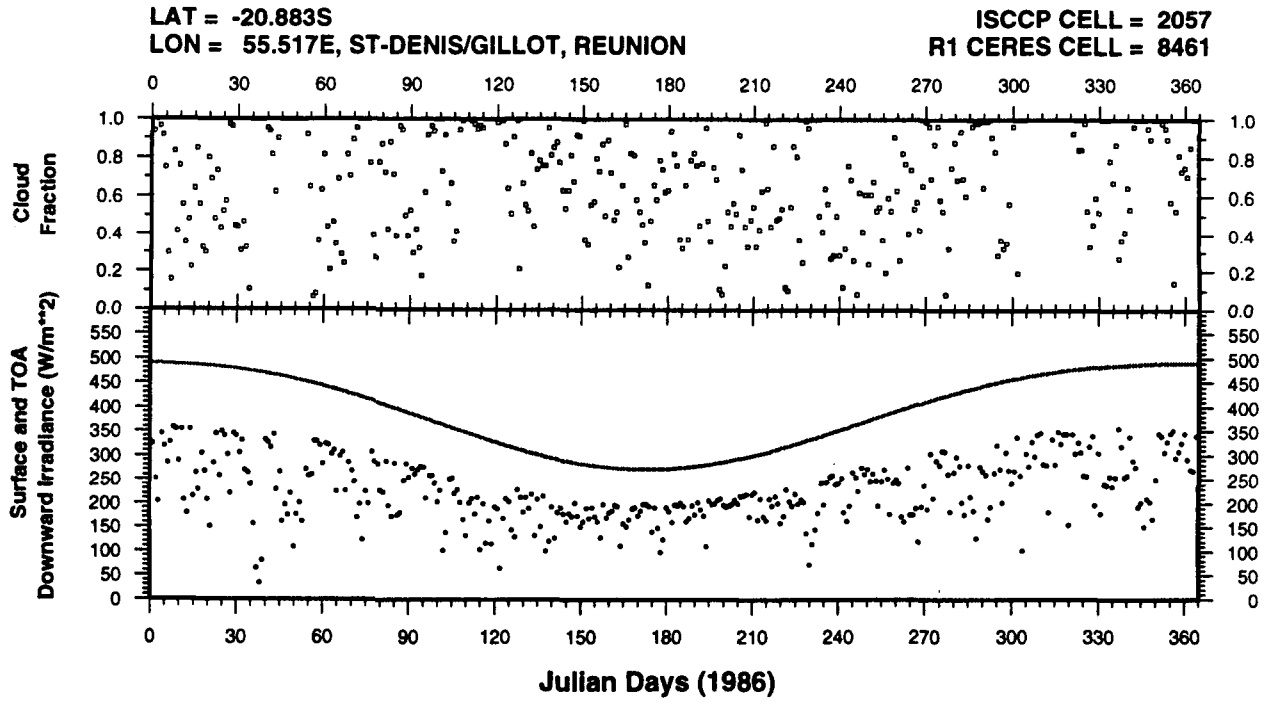
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F39. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for UMBELUZI, MOZAMBIQUE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F40. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BENIN CITY, NIGERIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F41. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ST-DENIS/GILLOT, REUNION.

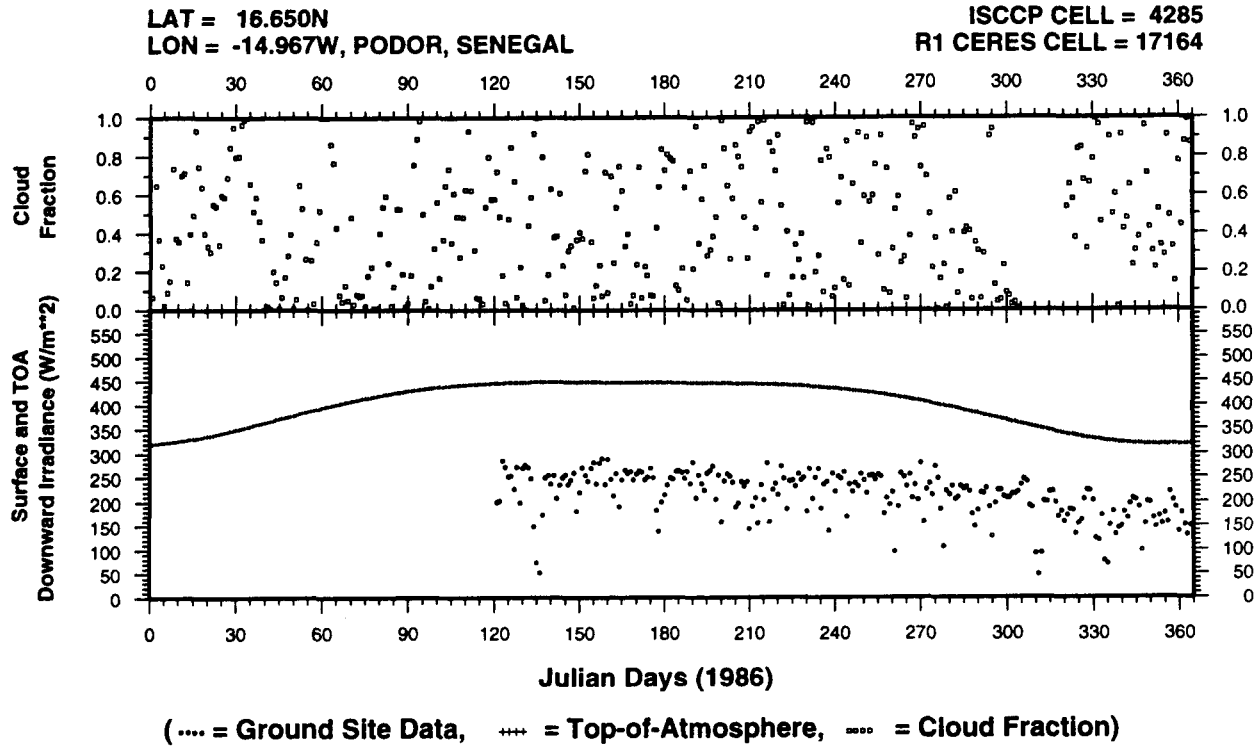


Figure F42. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PODOR, SENEGAL.

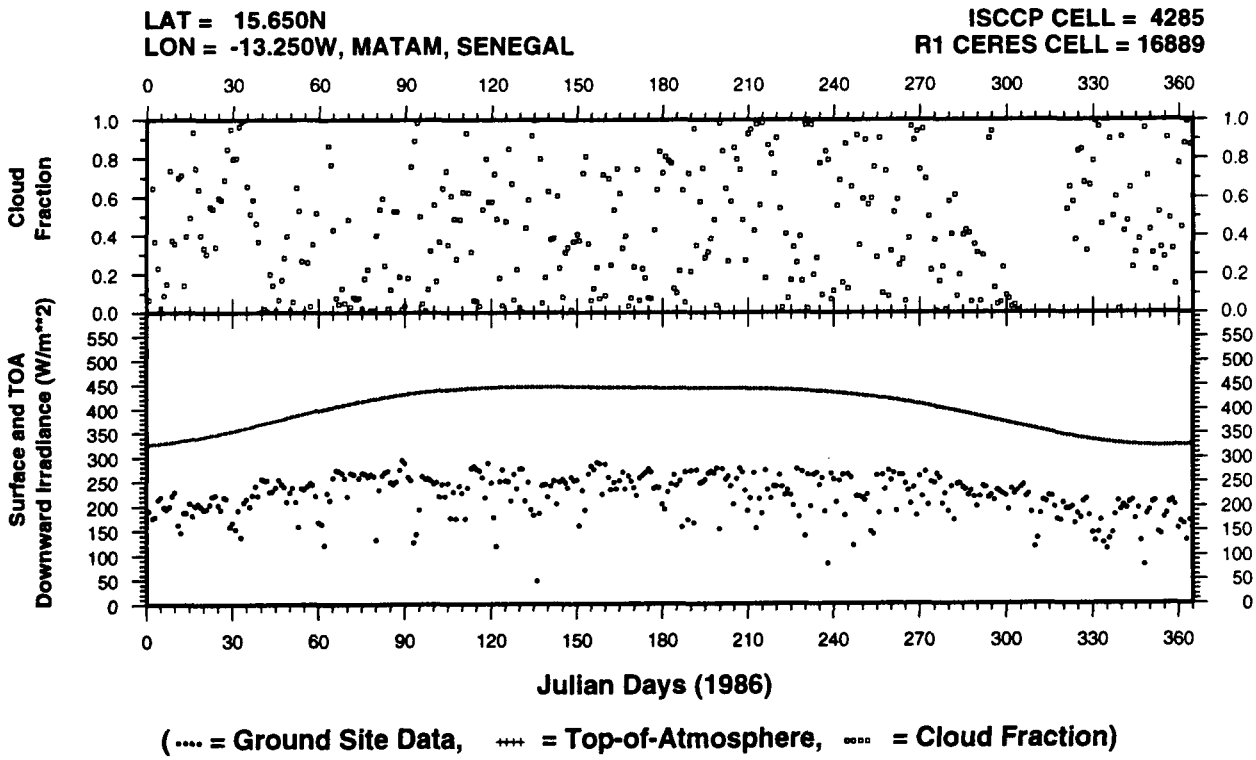


Figure F43. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MATAM, SENEGAL.

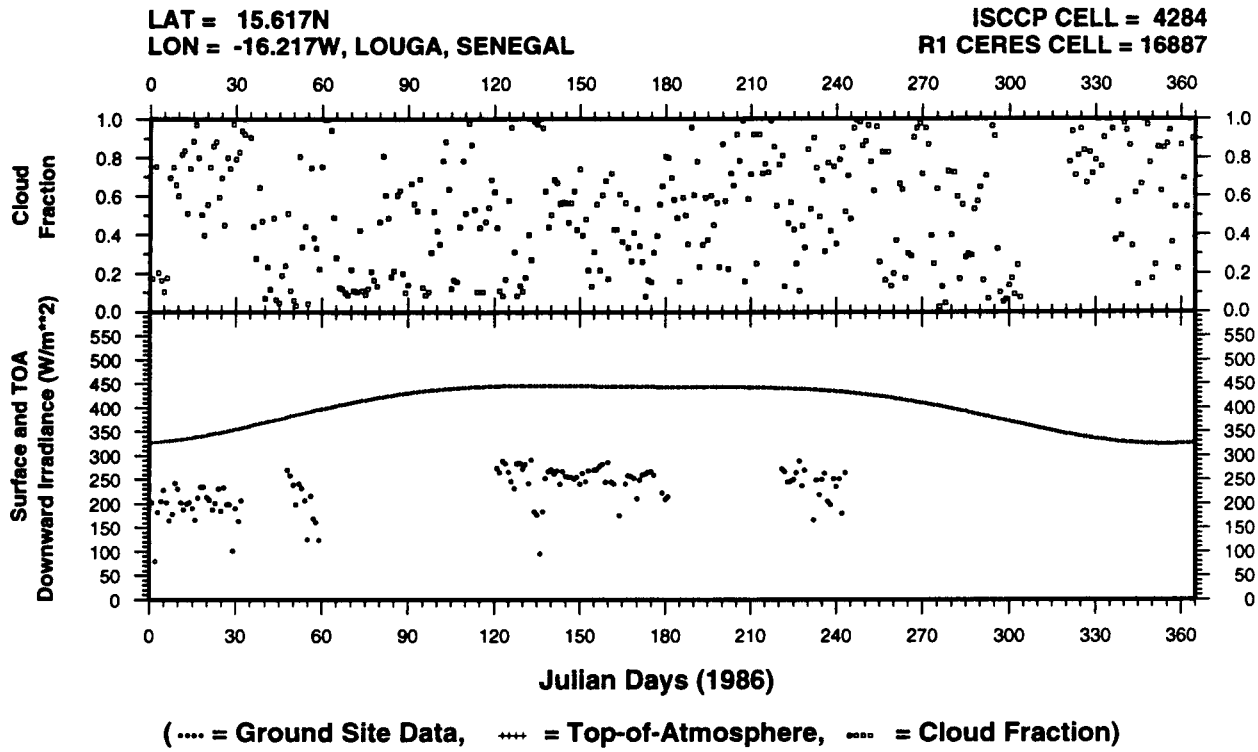


Figure F44. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LOUGA, SENEGAL.

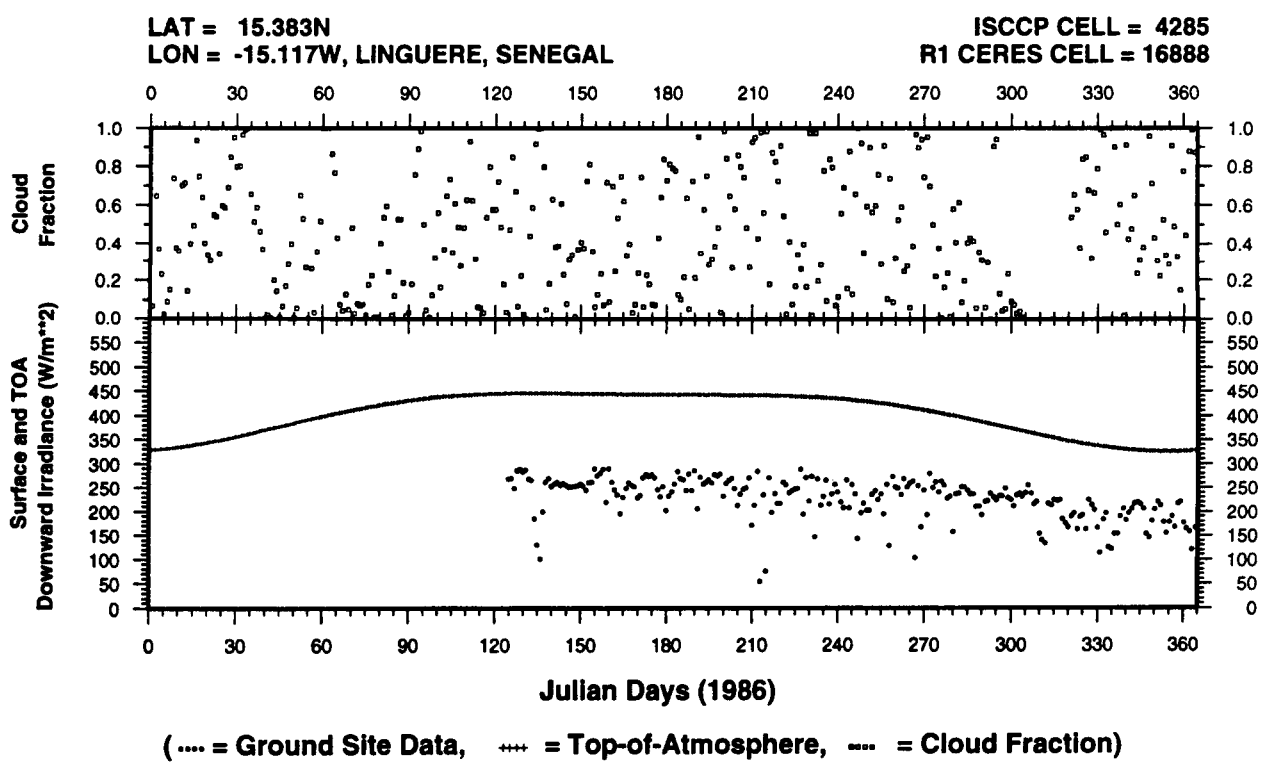


Figure F45. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LINGUERE, SENEGAL.

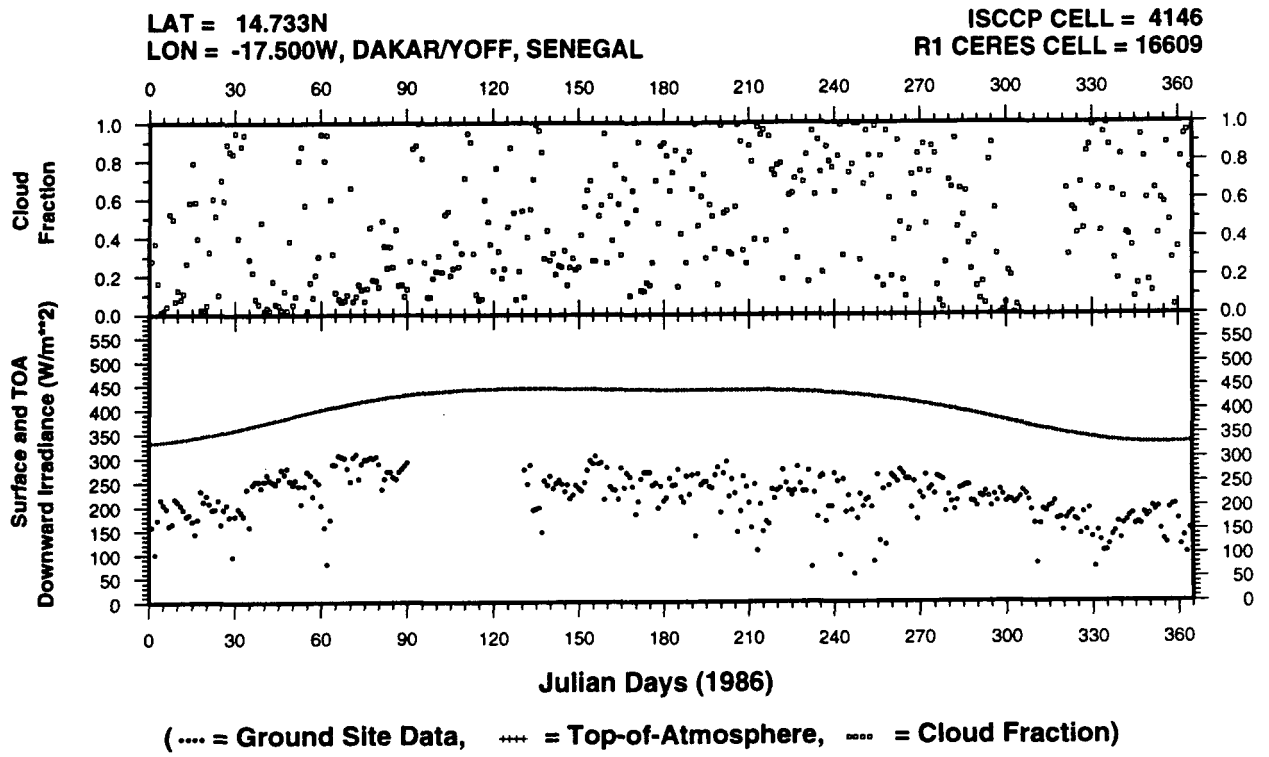


Figure F46. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DAKAR/YOFF, SENEGAL.

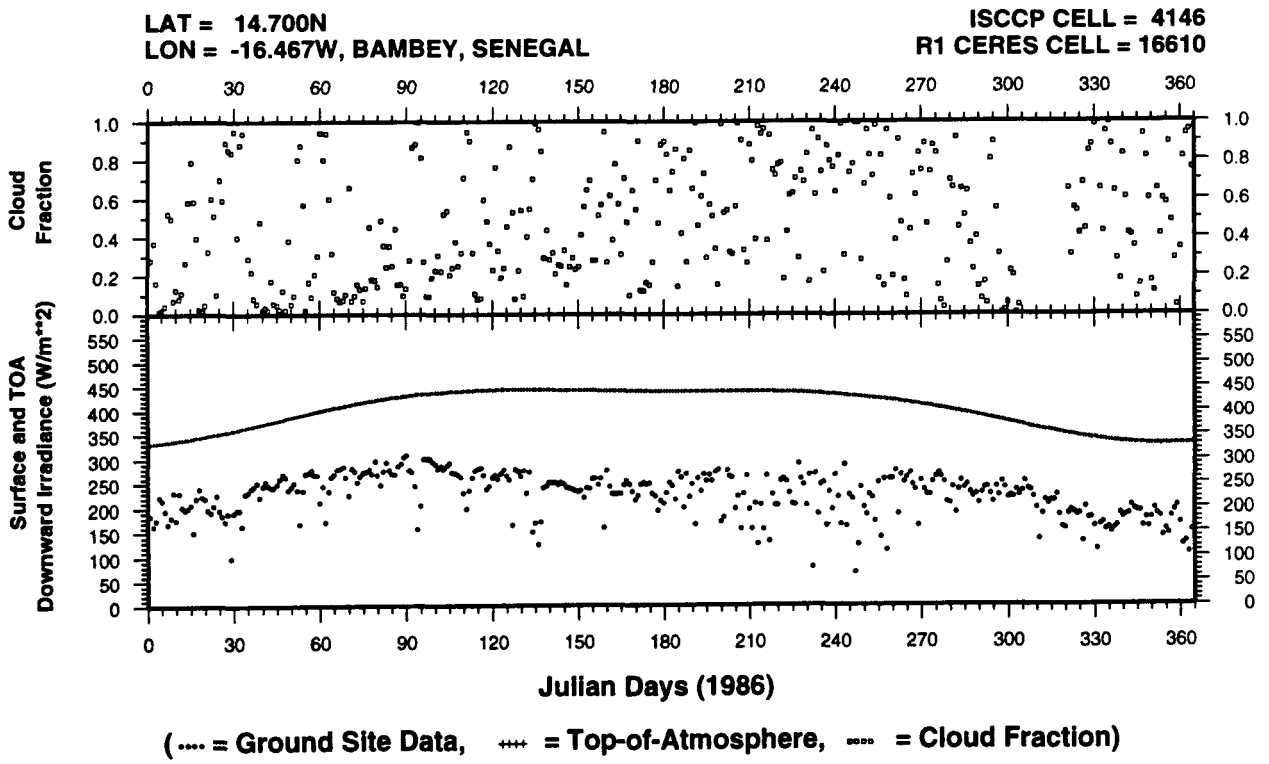
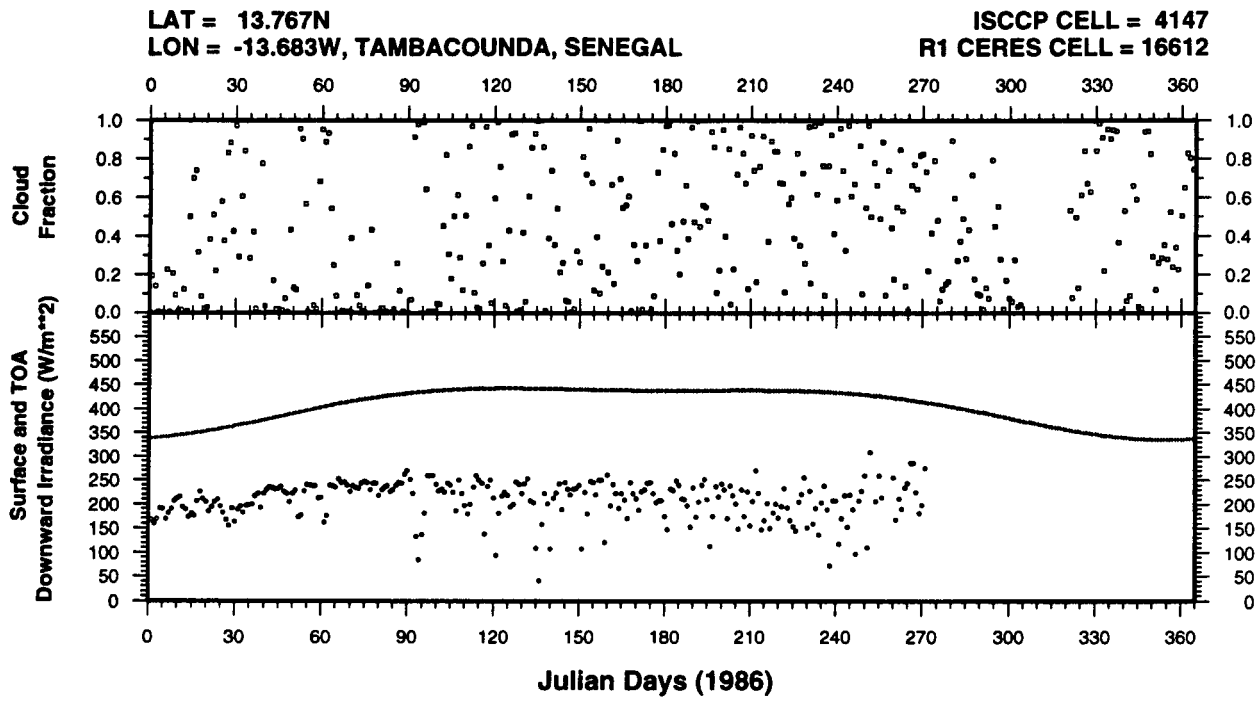
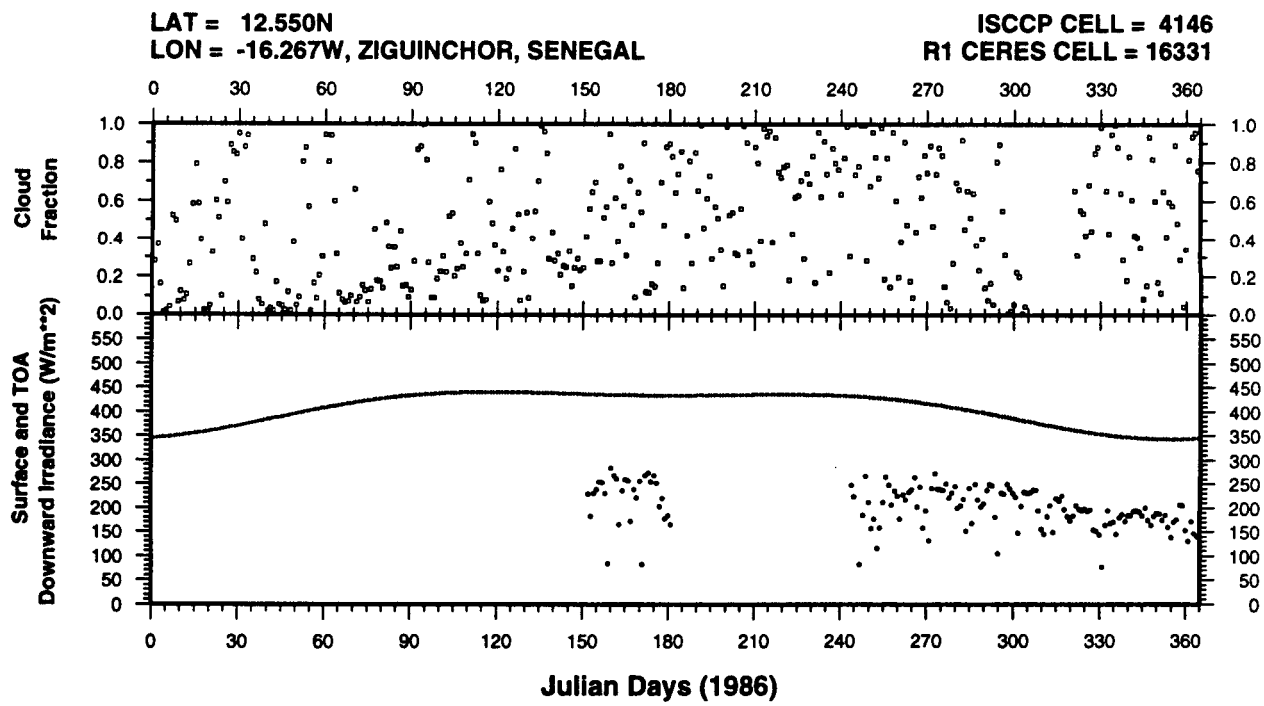


Figure F47. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BAMBEY, SENEGAL.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F48. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for TAMBACOUNDA, SENEGAL.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F49. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ZIGUINCHOR, SENEGAL.

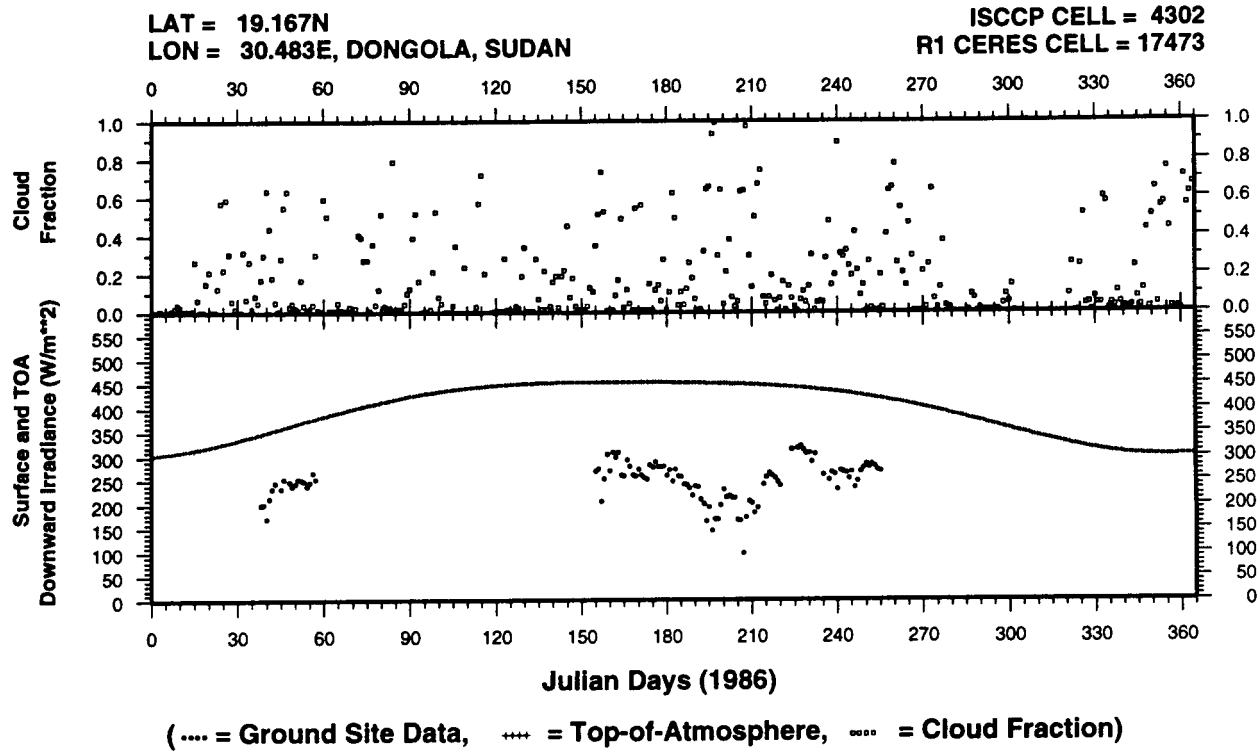


Figure F50. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DONGOLA, SUDAN.

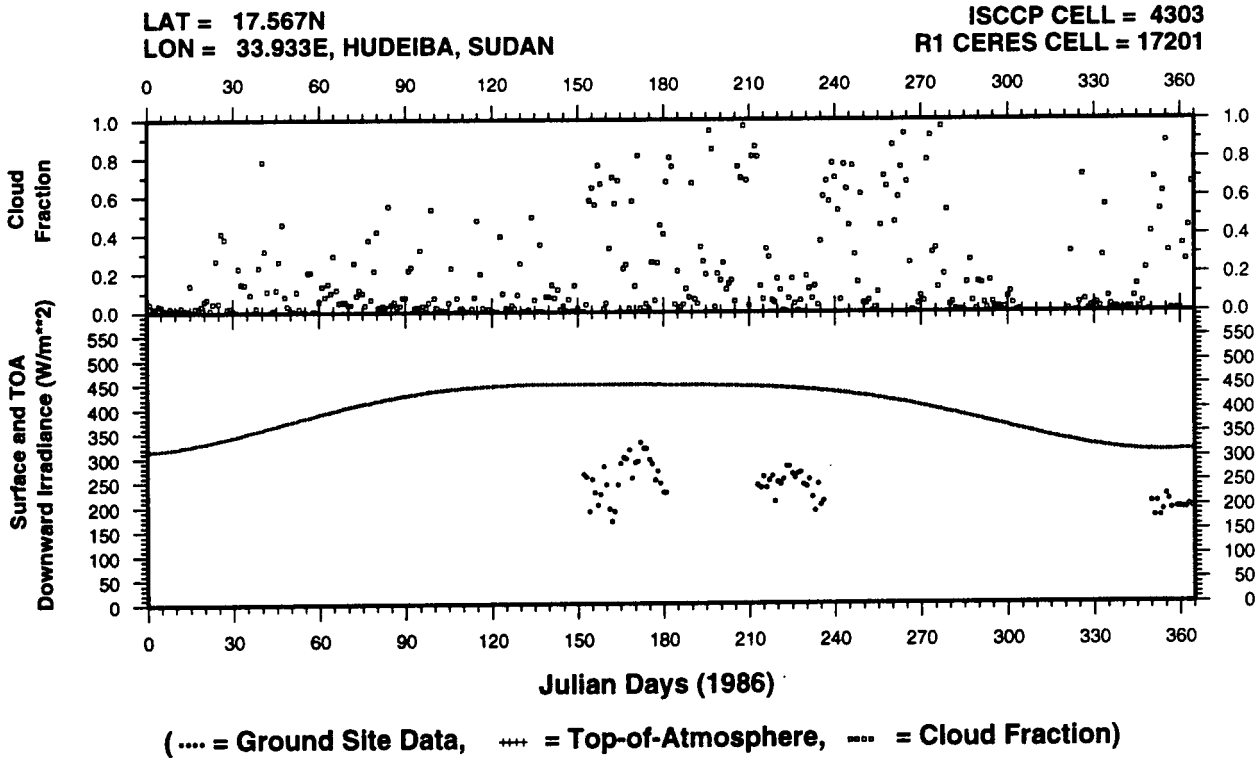


Figure F51. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HUDEIBA, SUDAN.

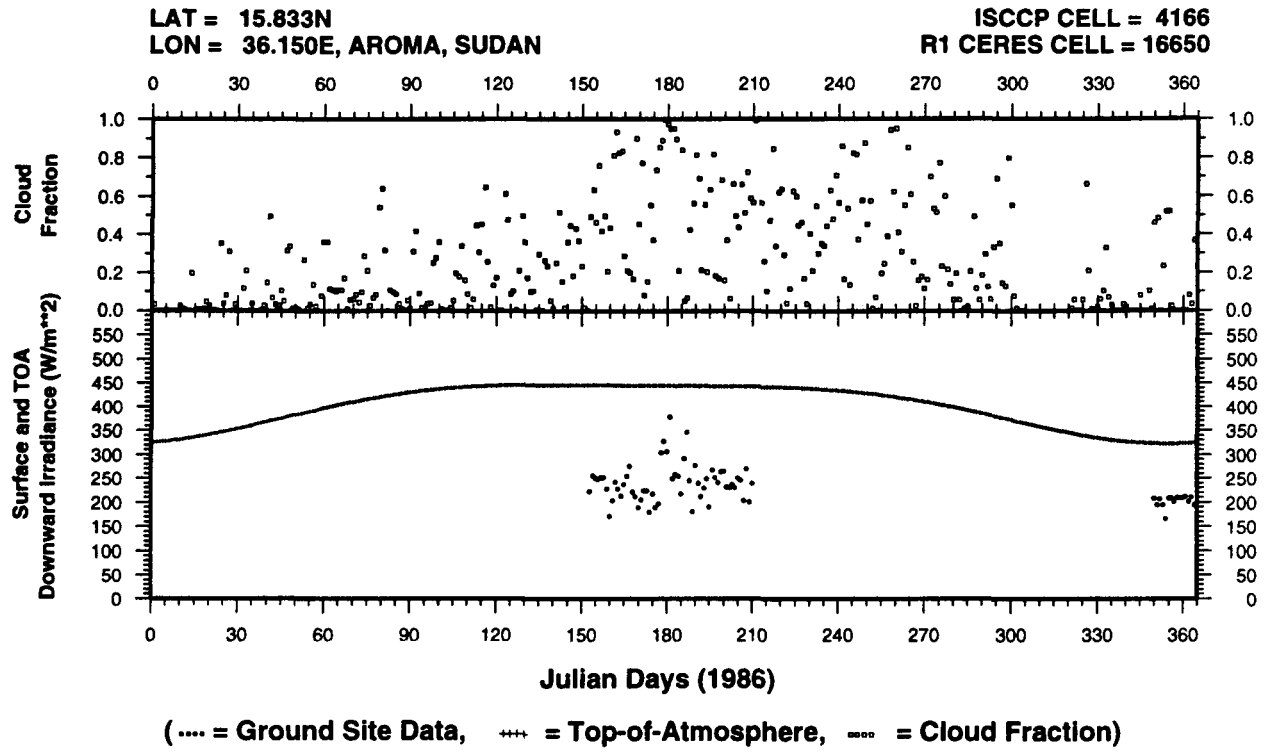


Figure F52. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AROMA, SUDAN.

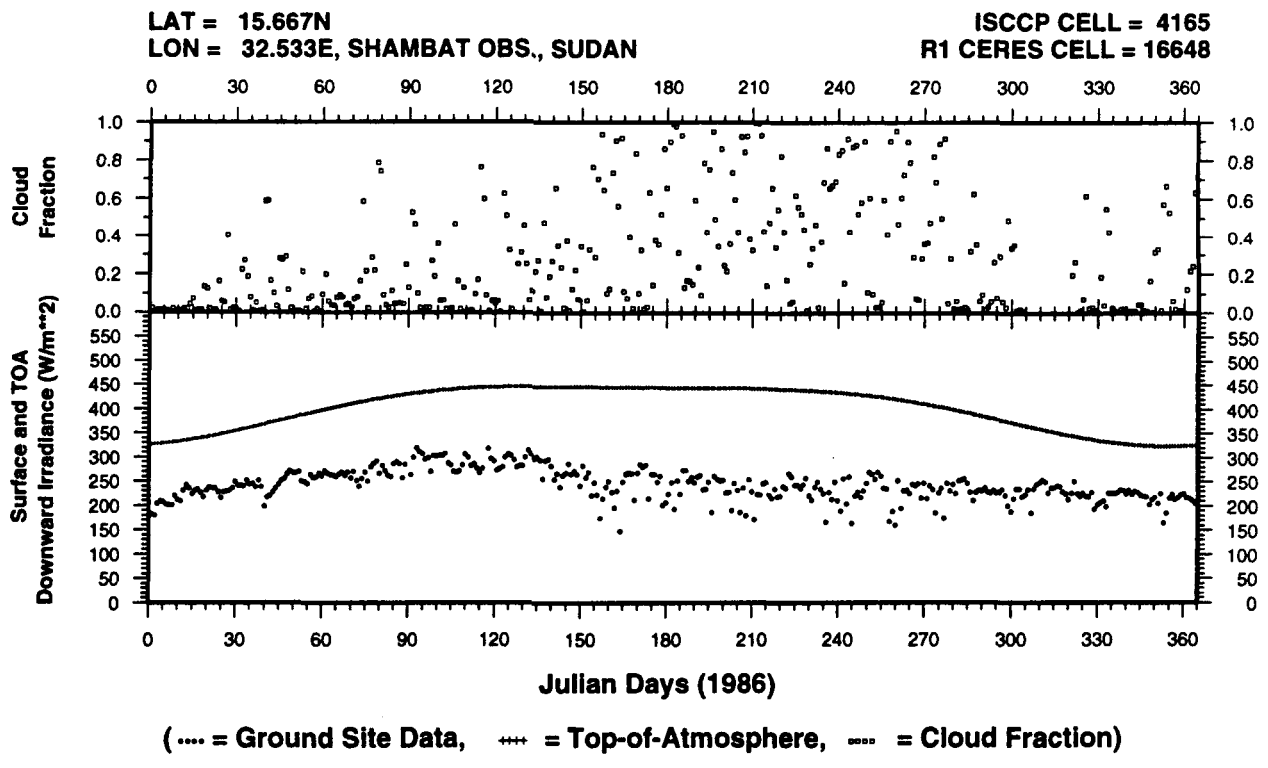
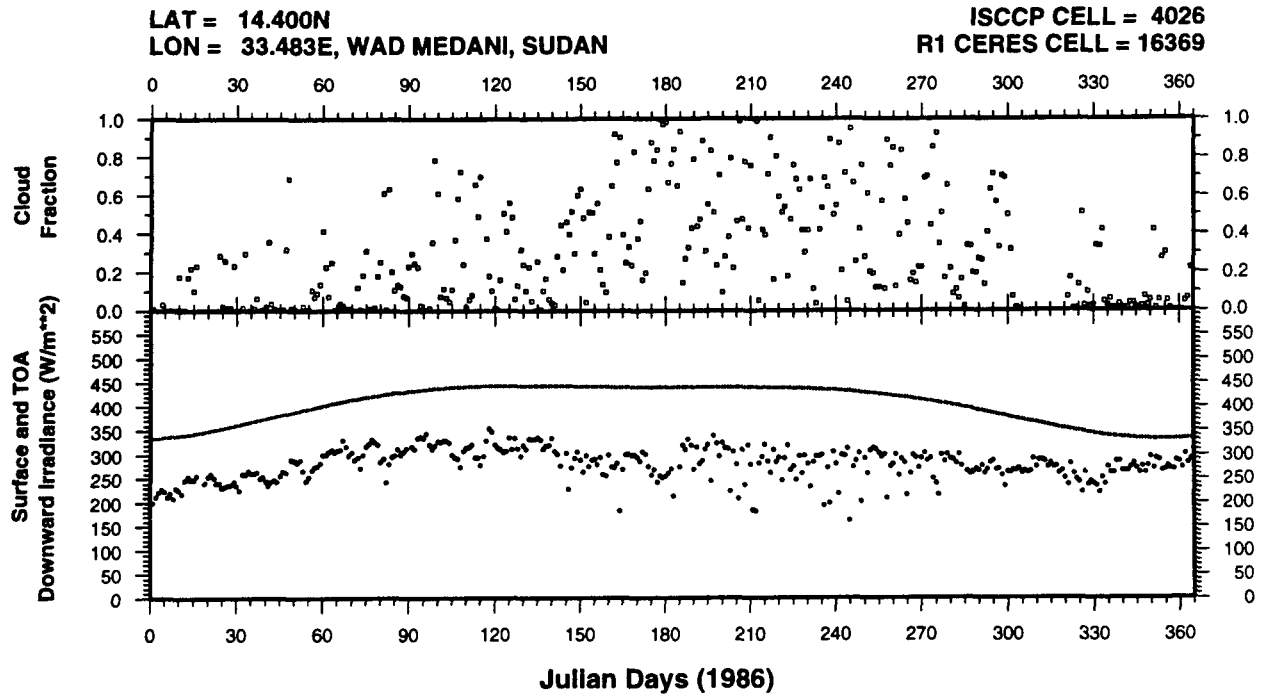
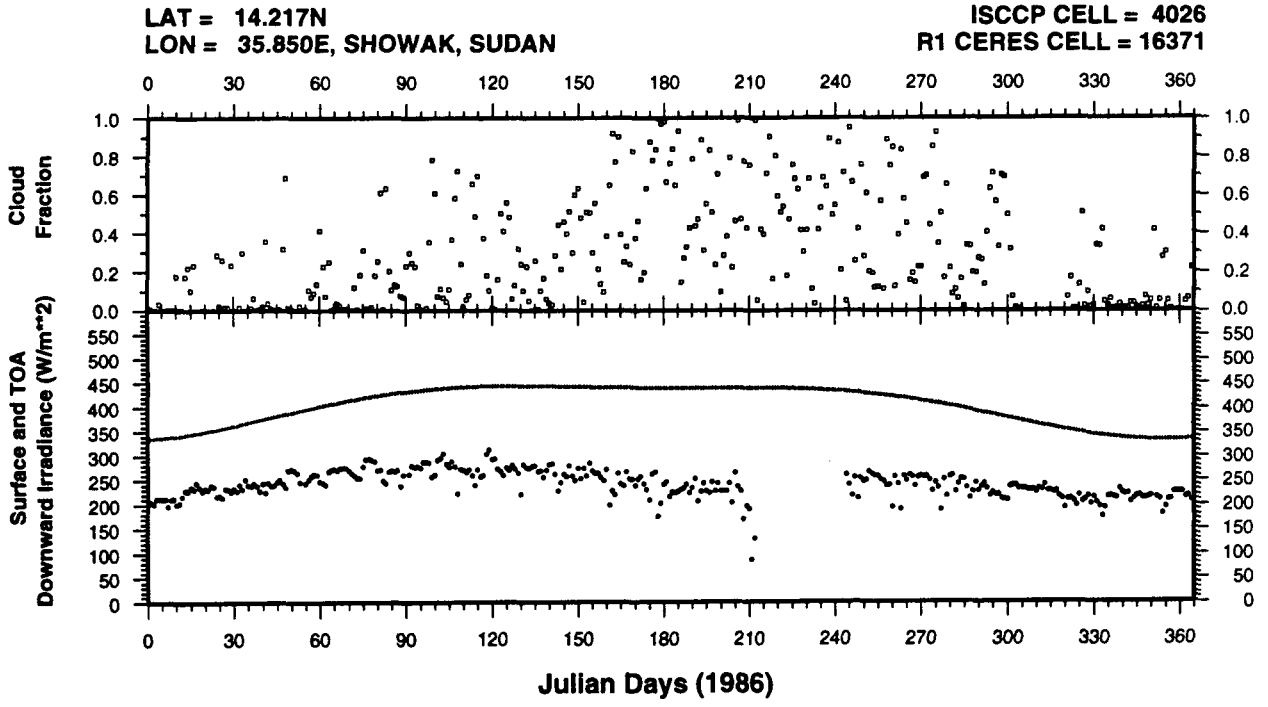


Figure F53. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHAMBAT OBS., SUDAN.



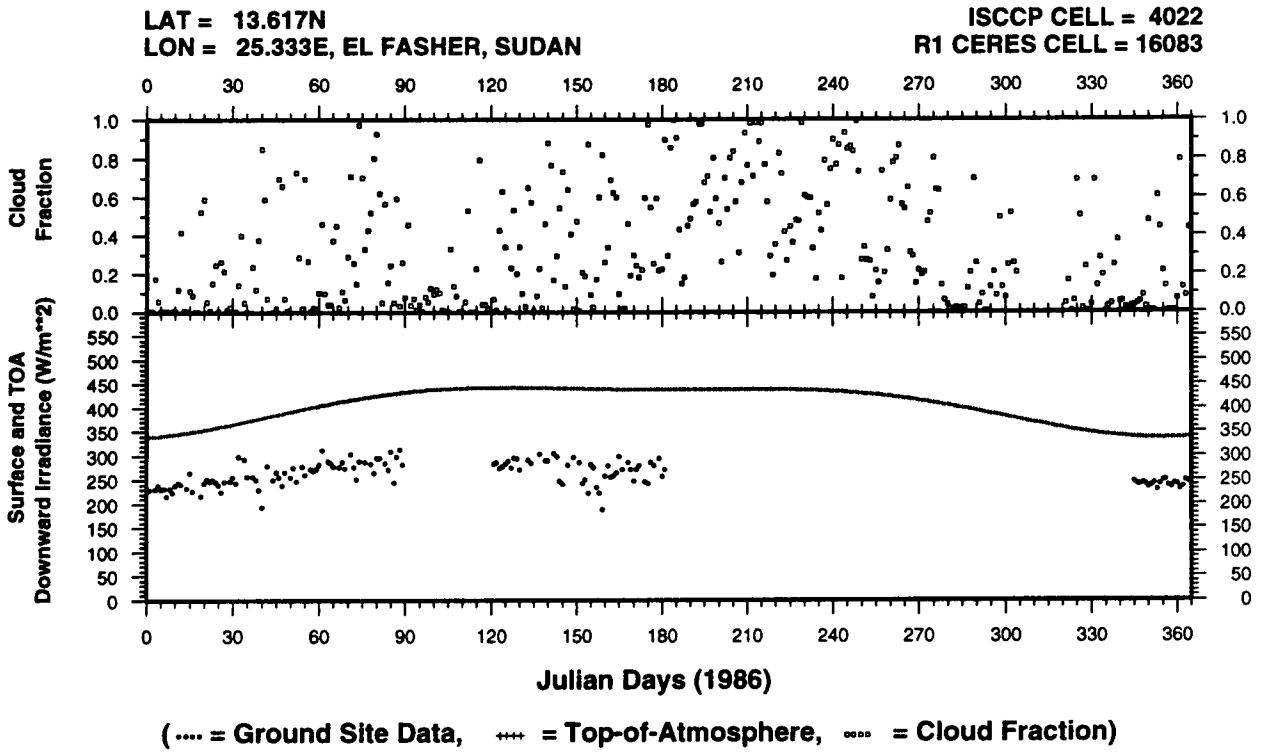
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F54. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WAD MEDANI, SUDAN.



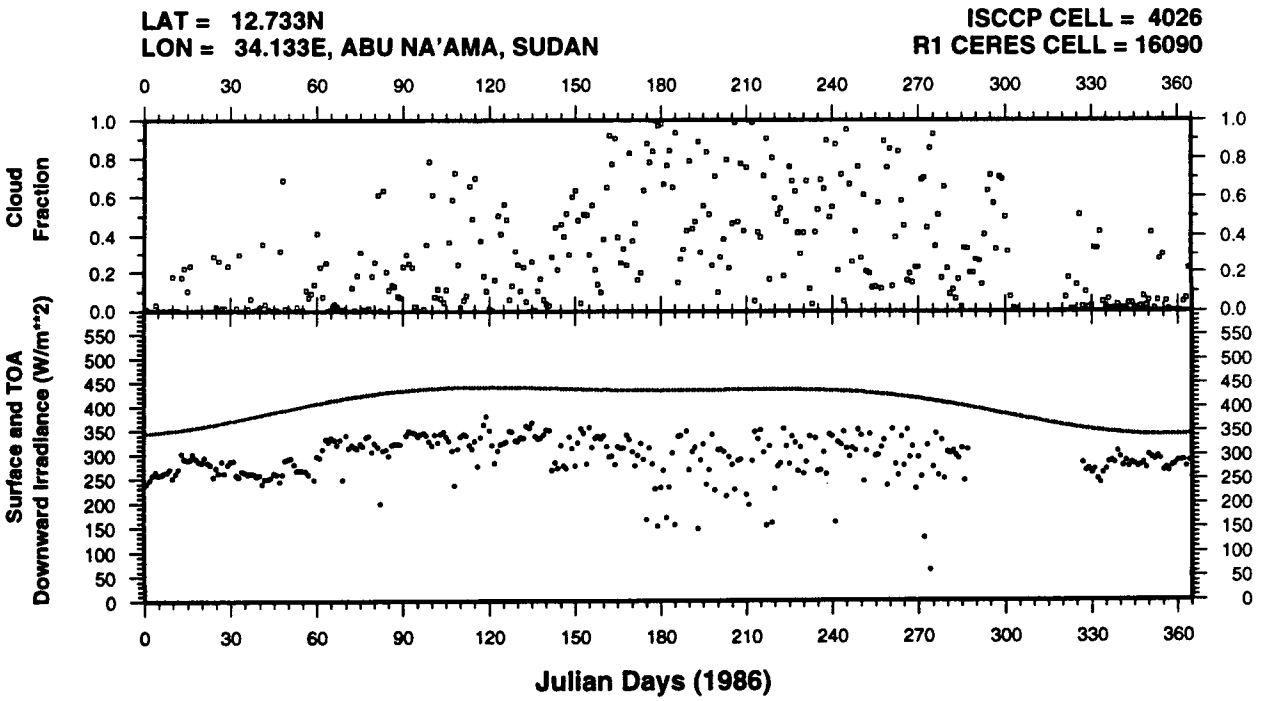
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F55. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SHOWAK, SUDAN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ∞∞∞ = Cloud Fraction)

Figure F56. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for EL FASHER, SUDAN.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ∞∞∞ = Cloud Fraction)

Figure F57. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ABU NA'AMA, SUDAN.

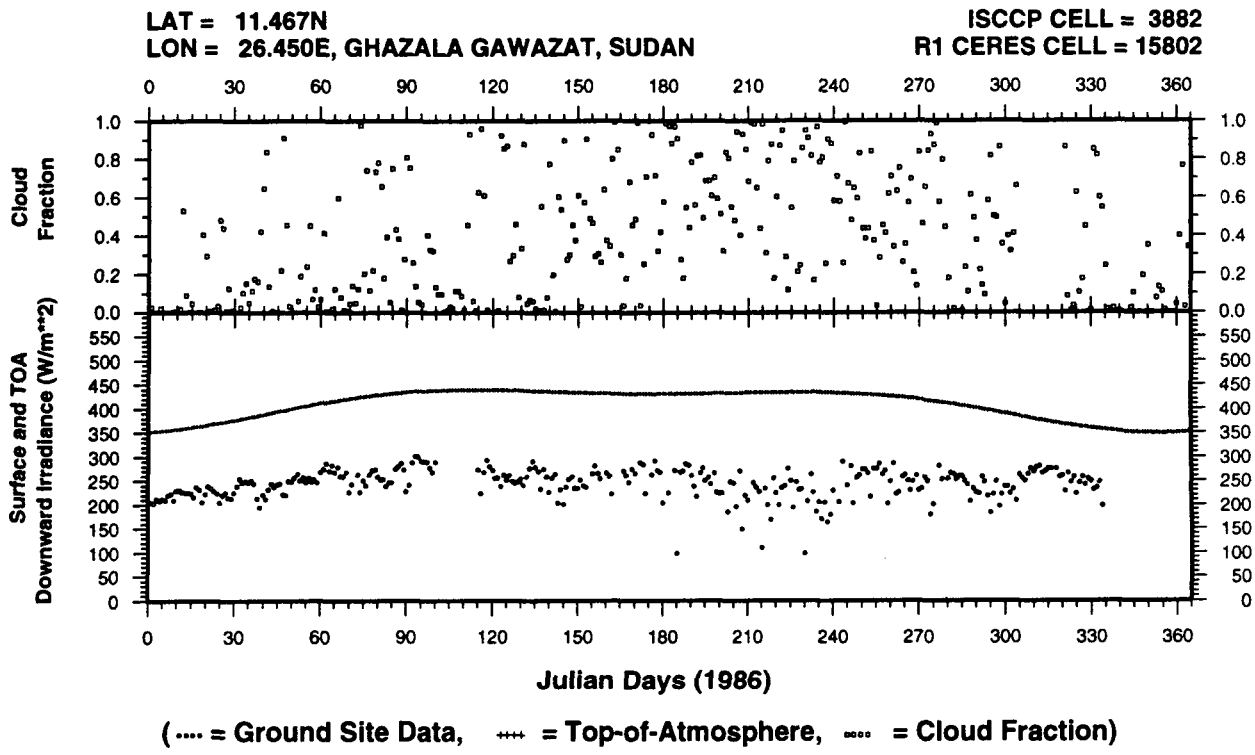


Figure F58. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GHAZALA GAWAZAT, SUDAN.

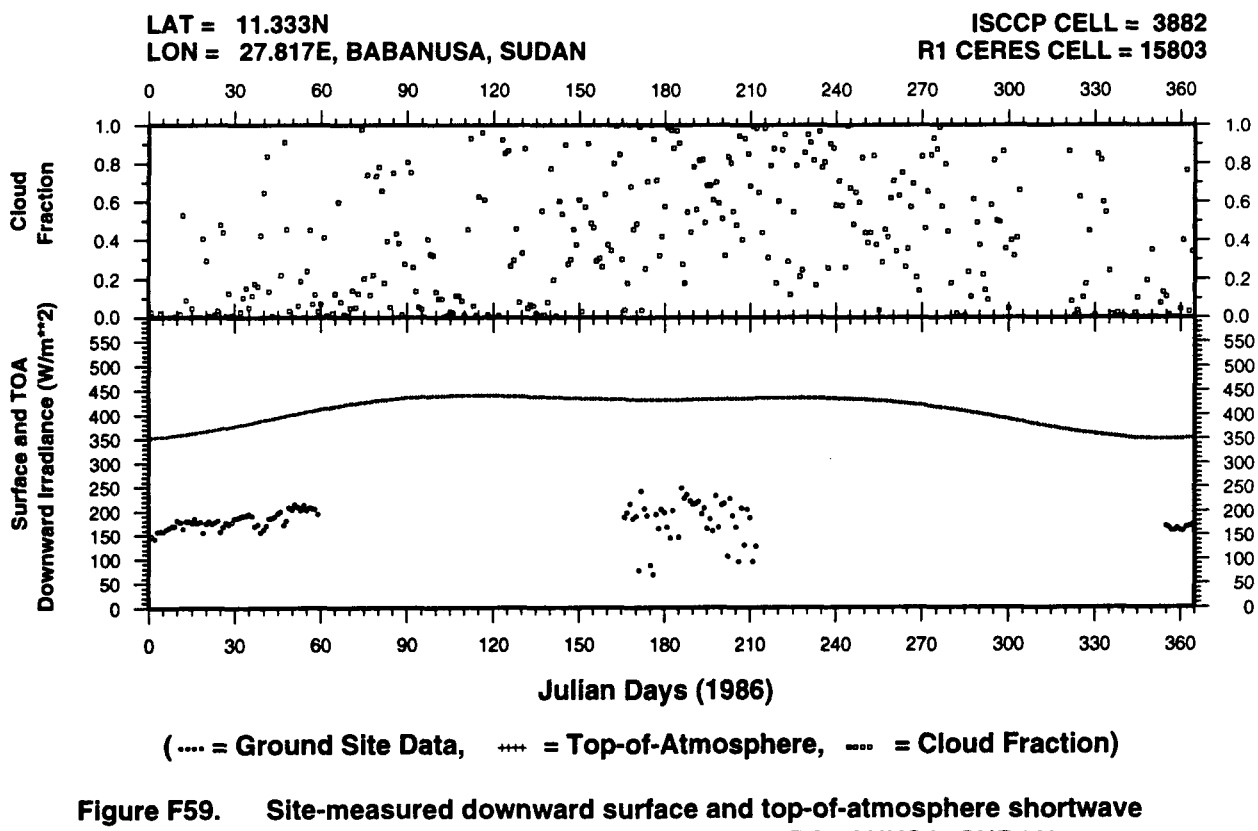
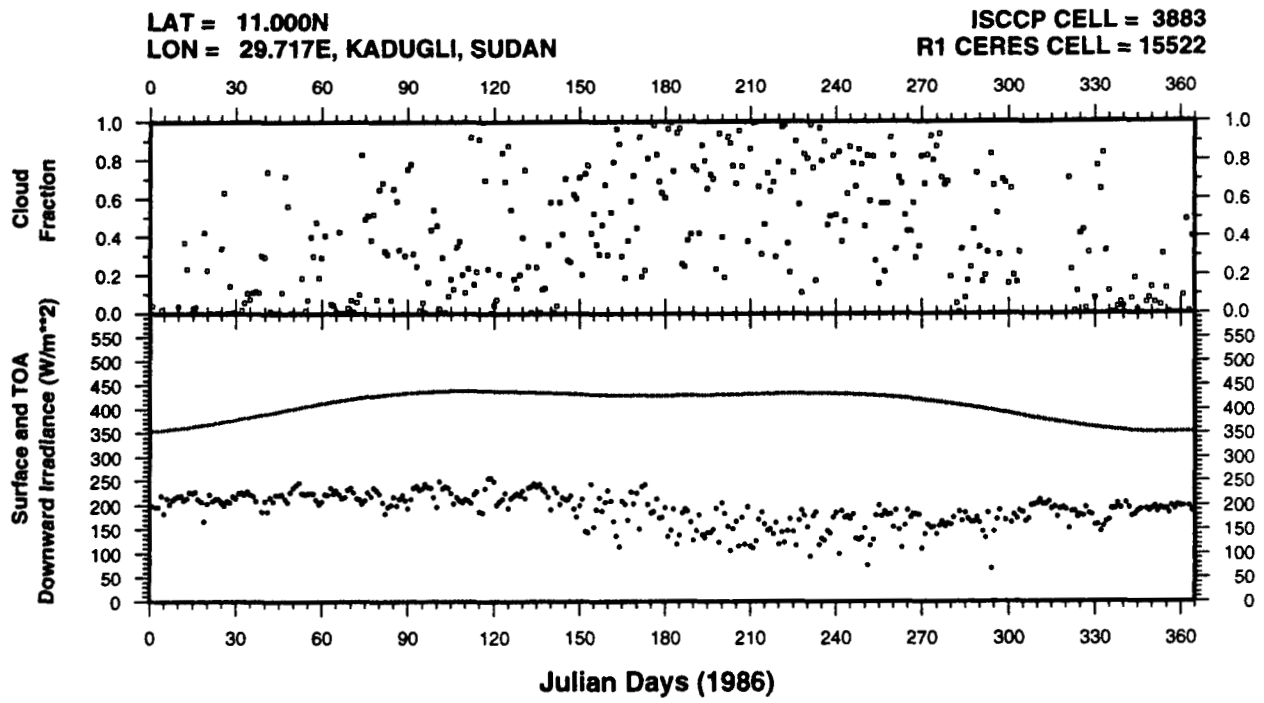
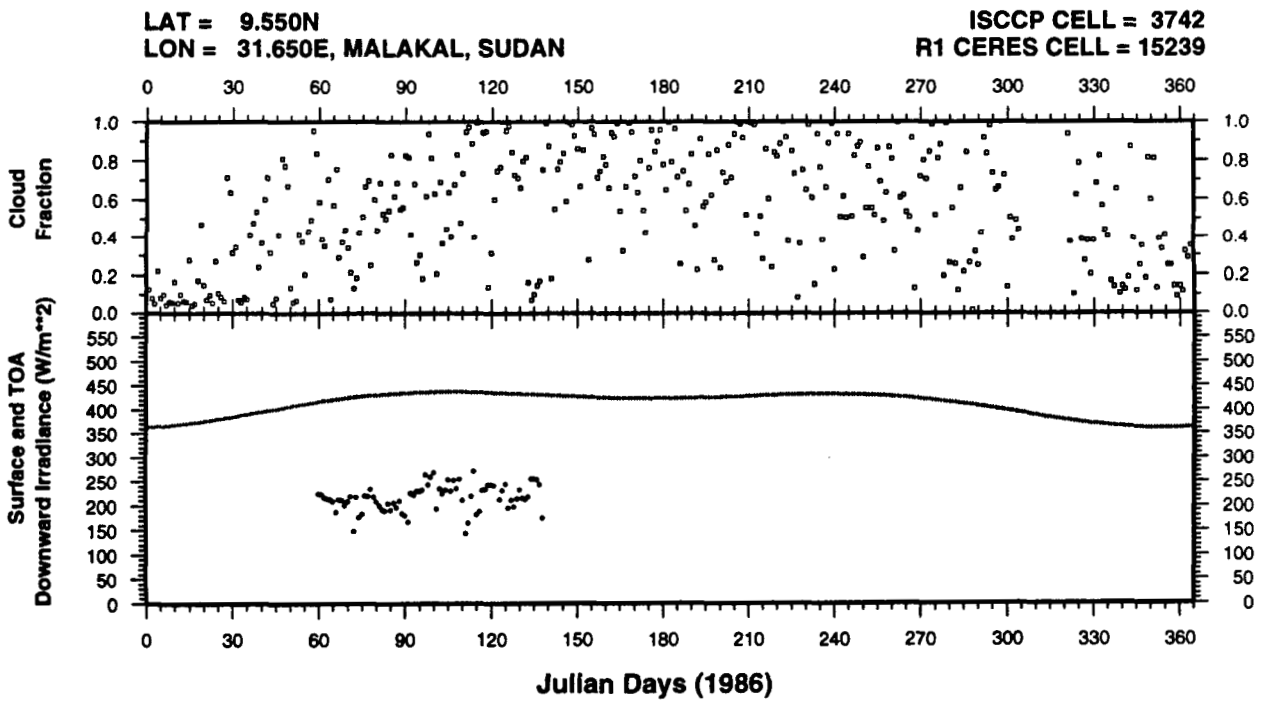


Figure F59. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BABANUSA, SUDAN.



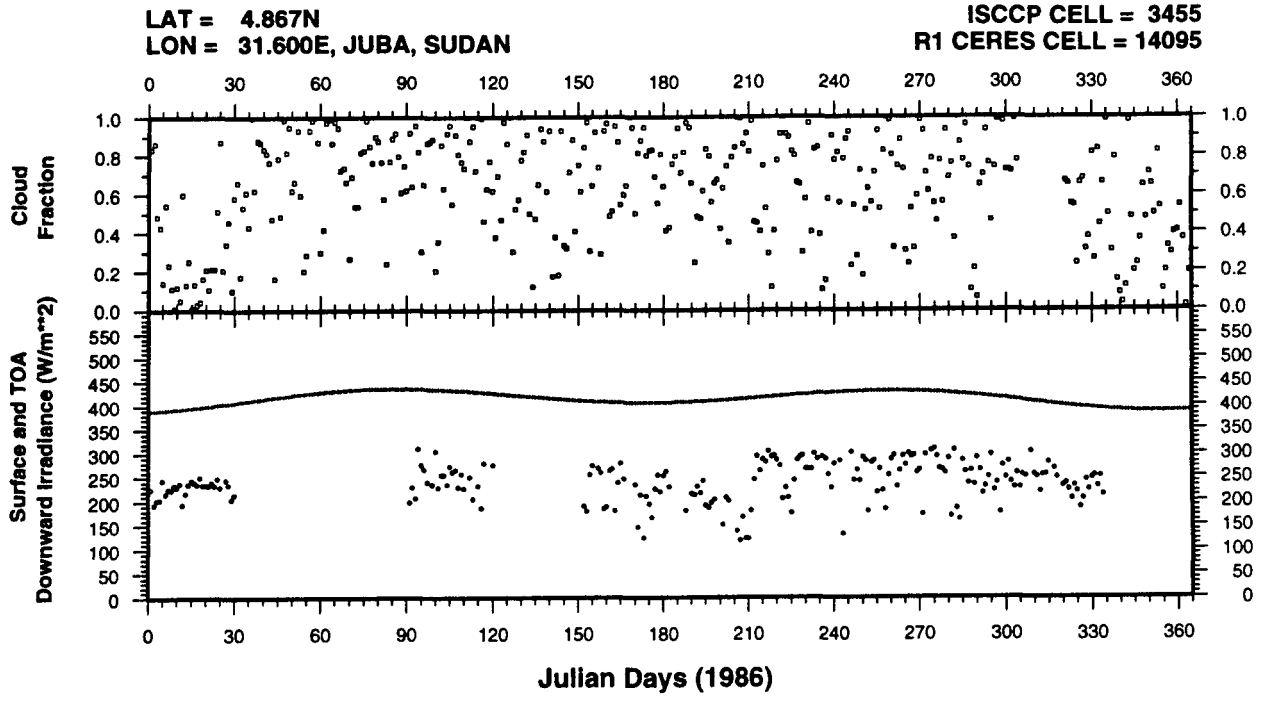
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F60. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KADUGLI, SUDAN.



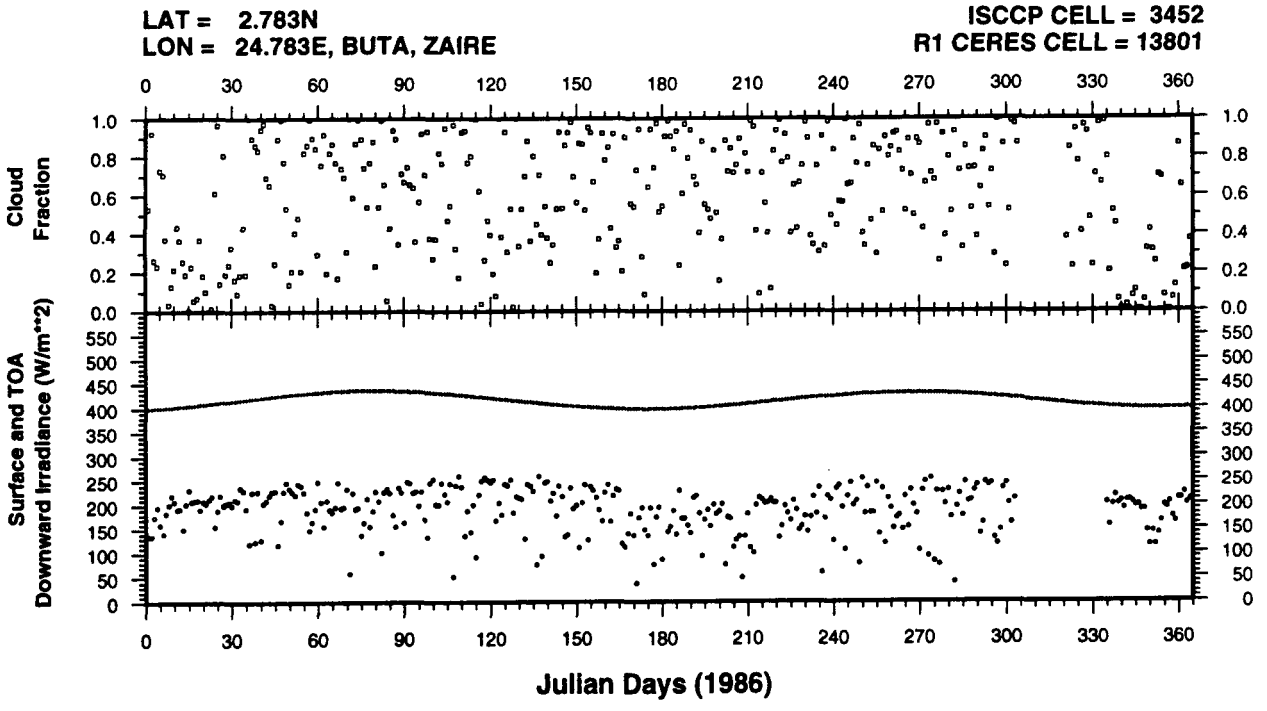
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F61. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MALAKAL, SUDAN.



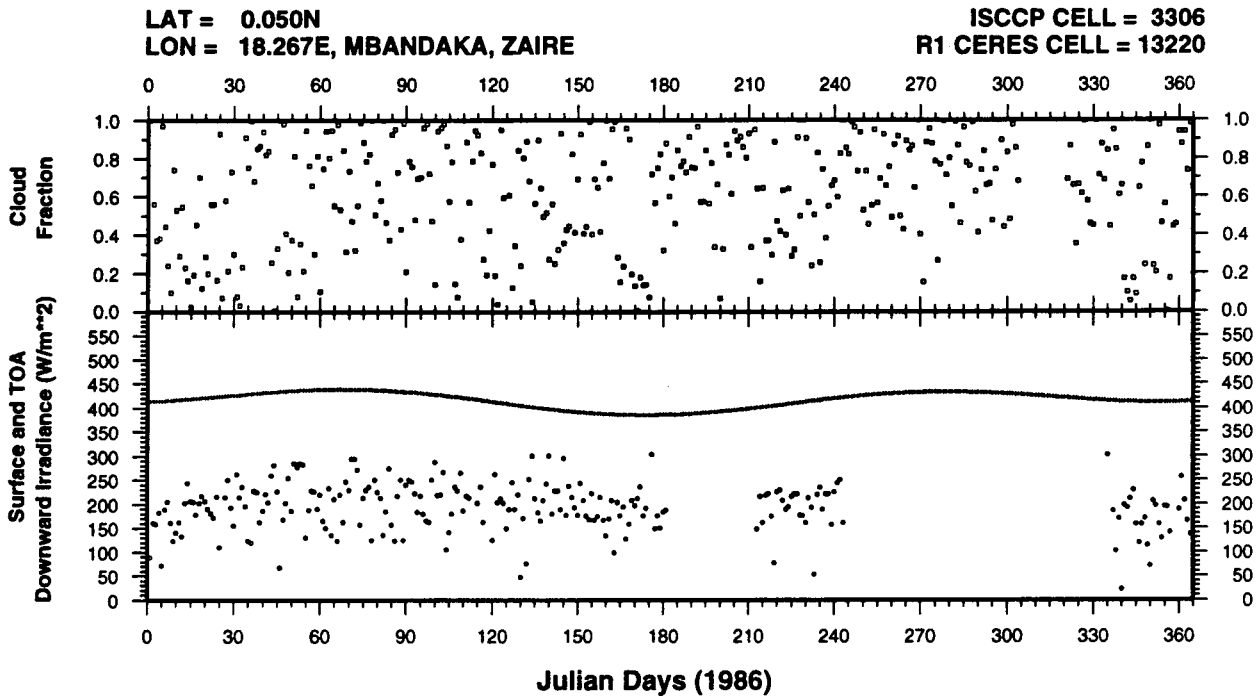
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F62. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for JUBA, SUDAN.



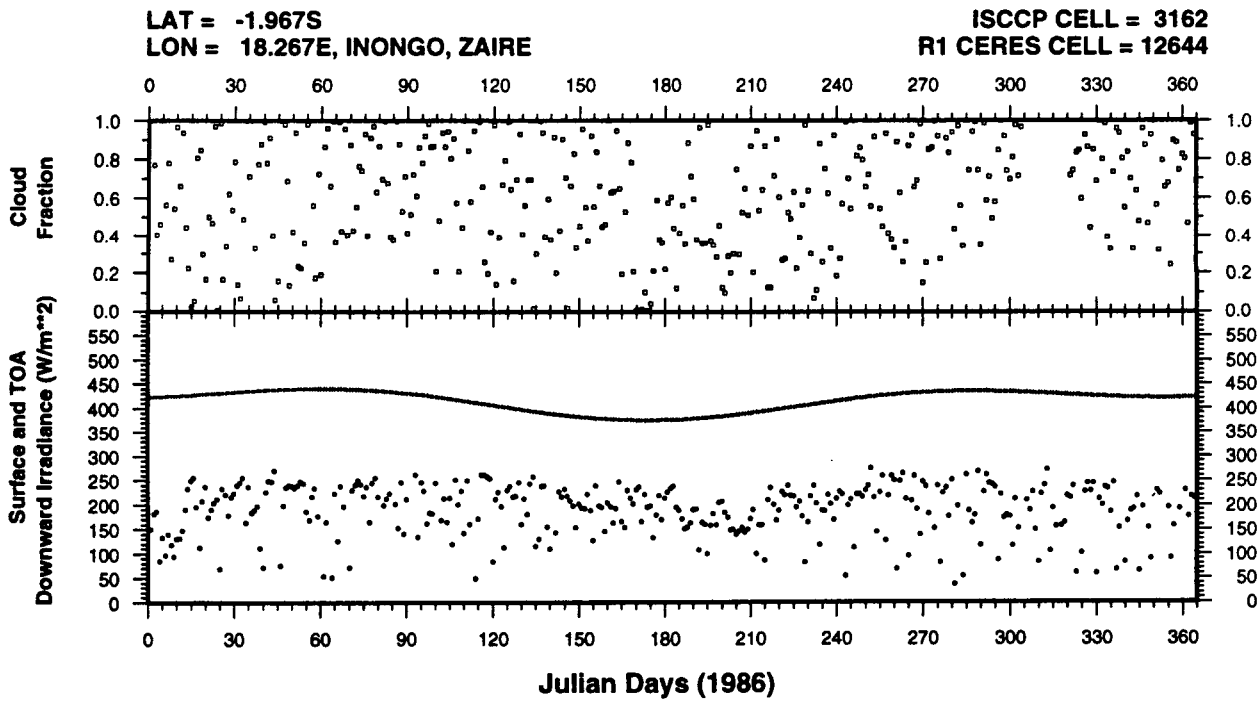
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F63. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BUTA, ZAIRE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F64. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MBANDAKA, ZAIRE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F65. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for INONGO, ZAIRE.

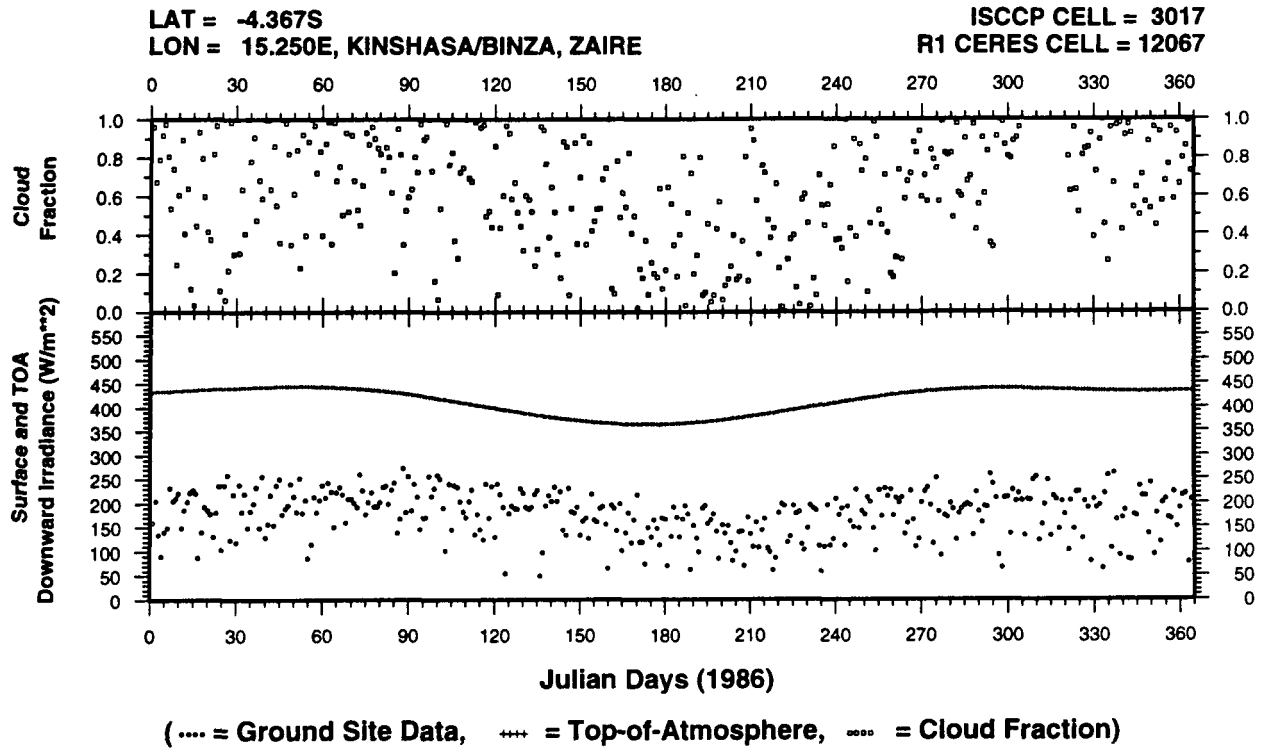


Figure F66. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KINSHASA/BINZA, ZAIRE.

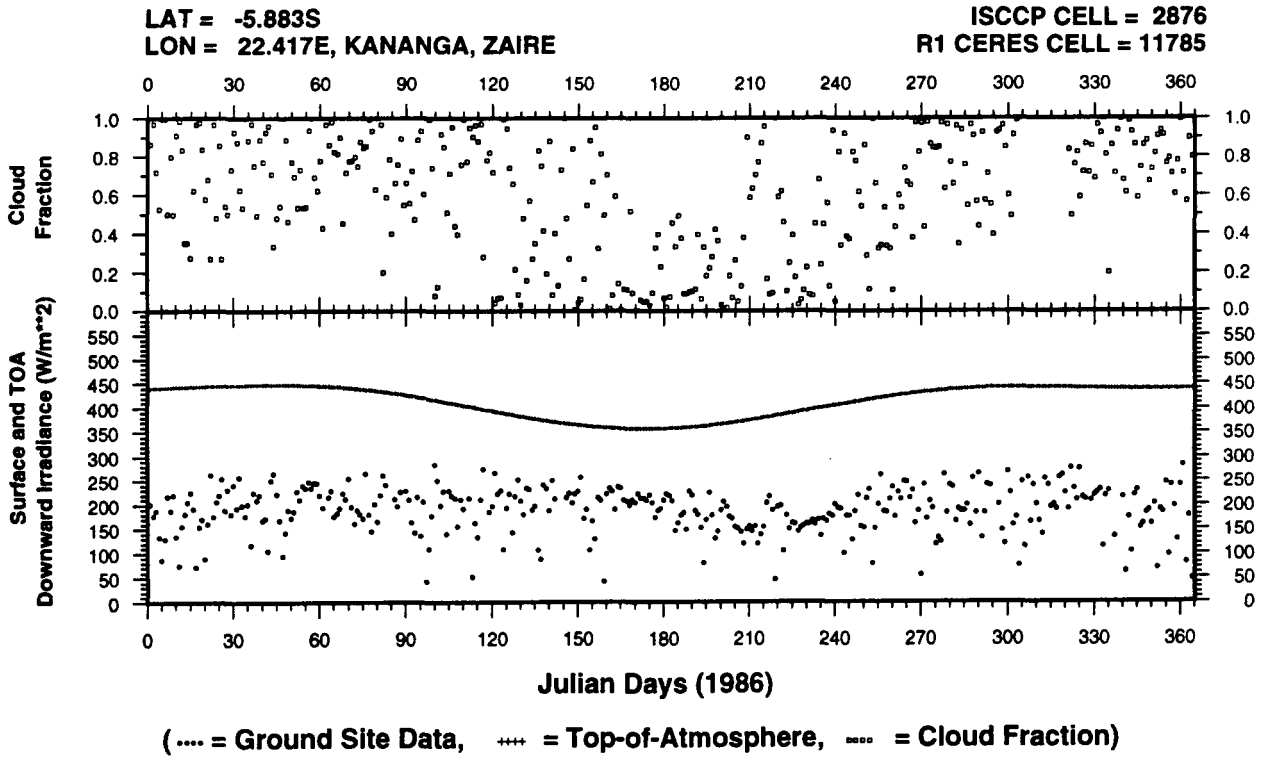
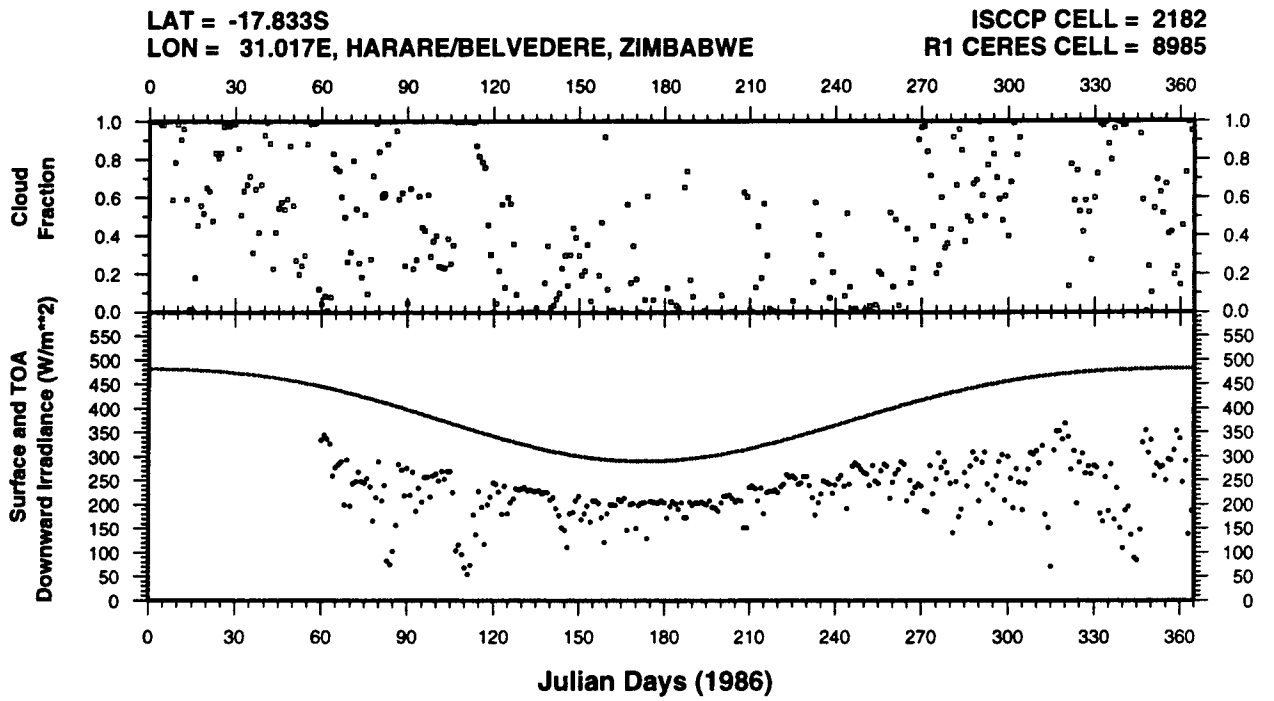
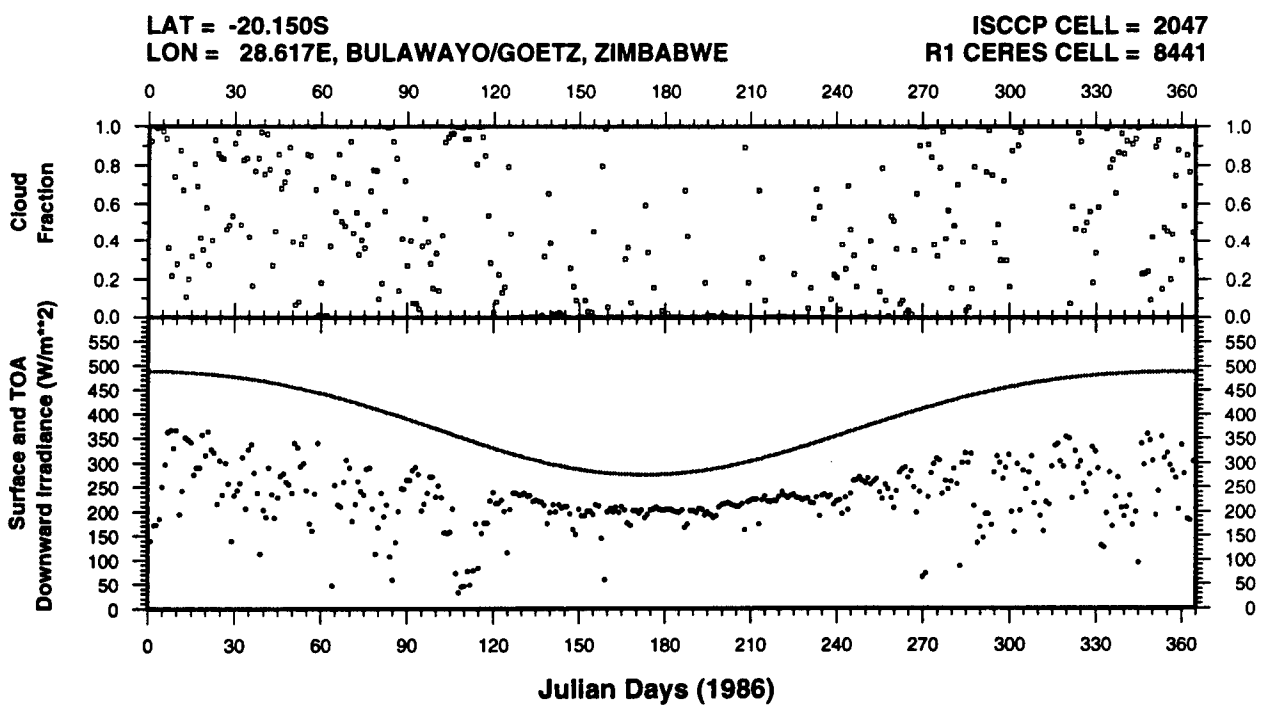


Figure F67. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KANANGA, ZAIRE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F68. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HARARE/BELVEDERE, ZIMBABWE.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure F69. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BULAWAYO/GOETZ, ZIMBABWE.

Appendix G

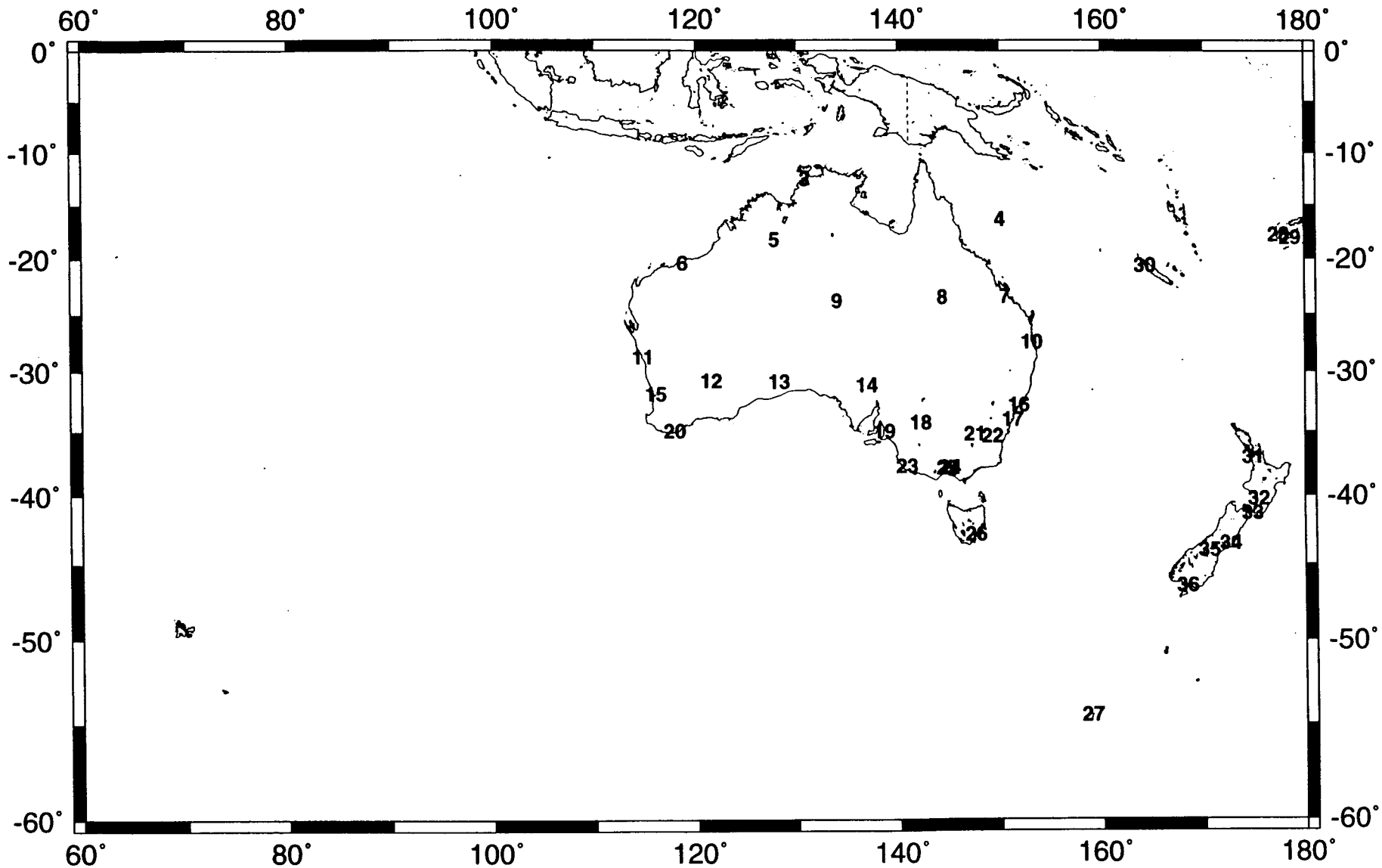
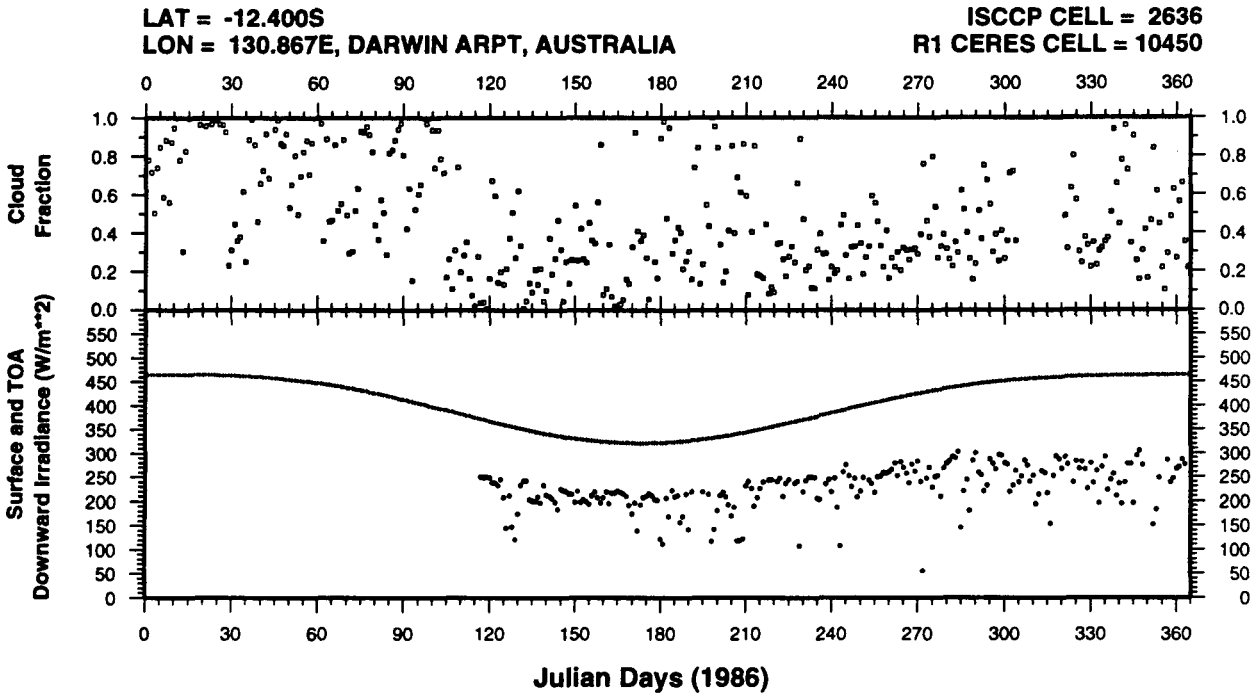
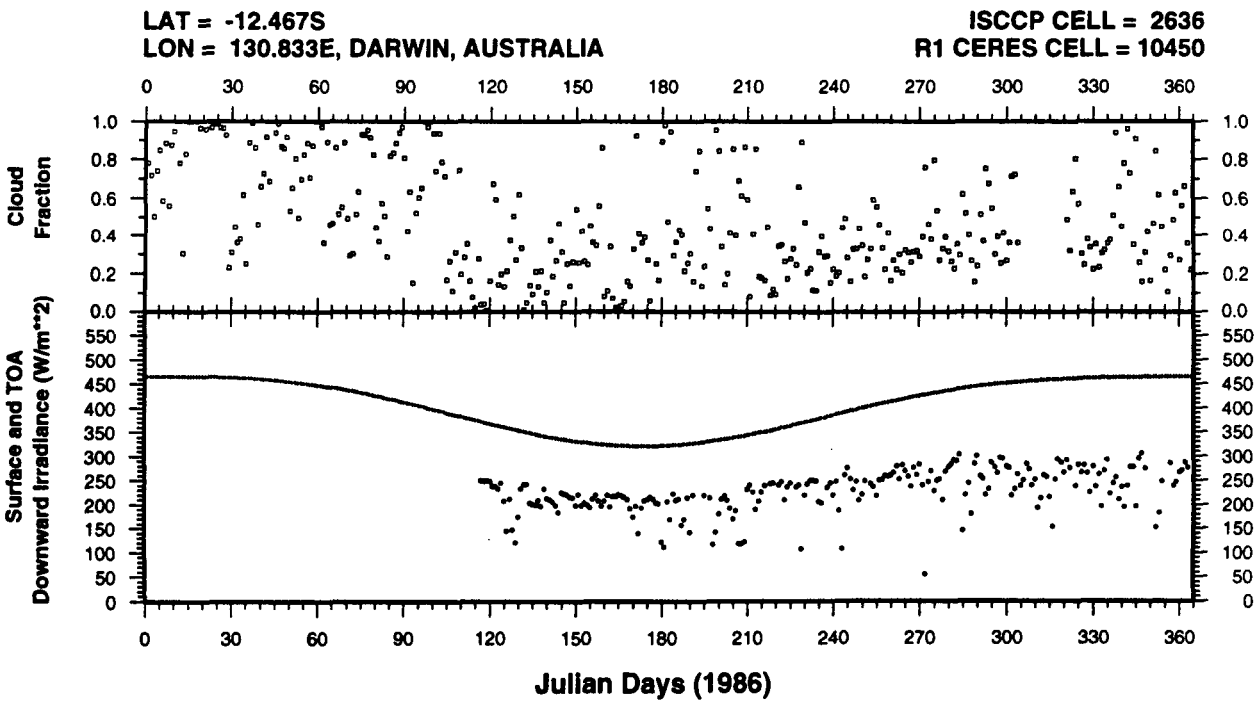


Figure G1. Ground truth sites for region G.



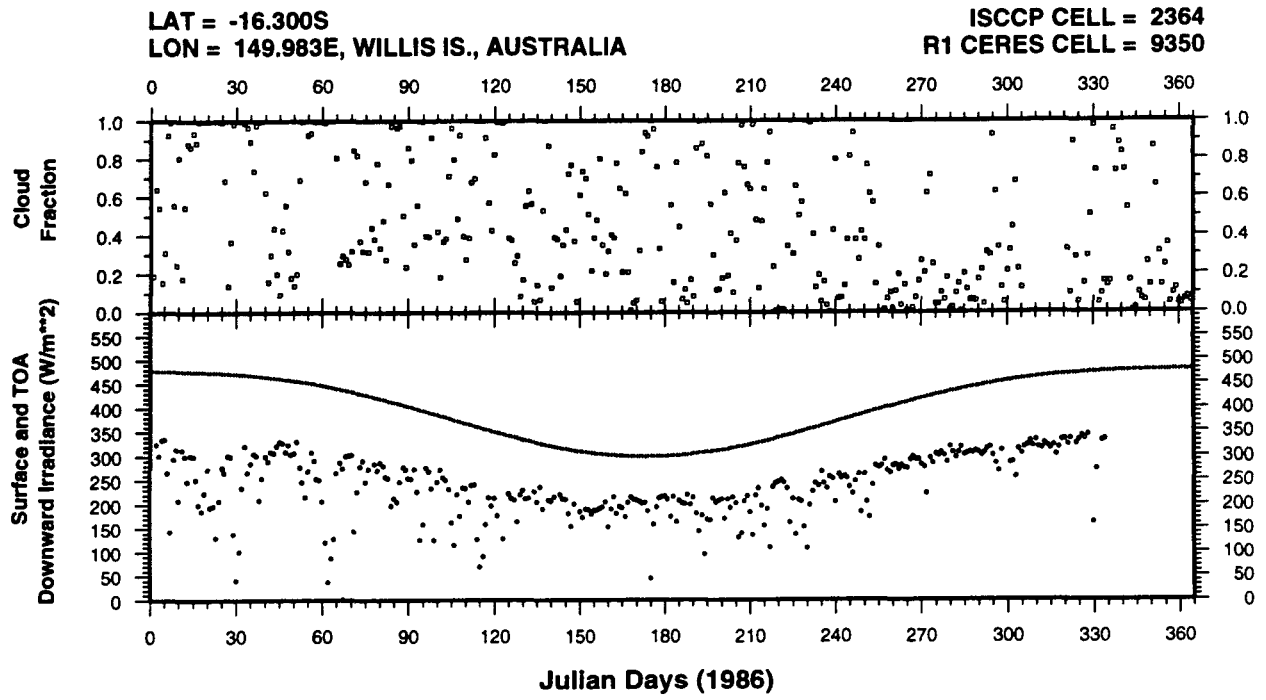
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DARWIN ARPT, AUSTRALIA.



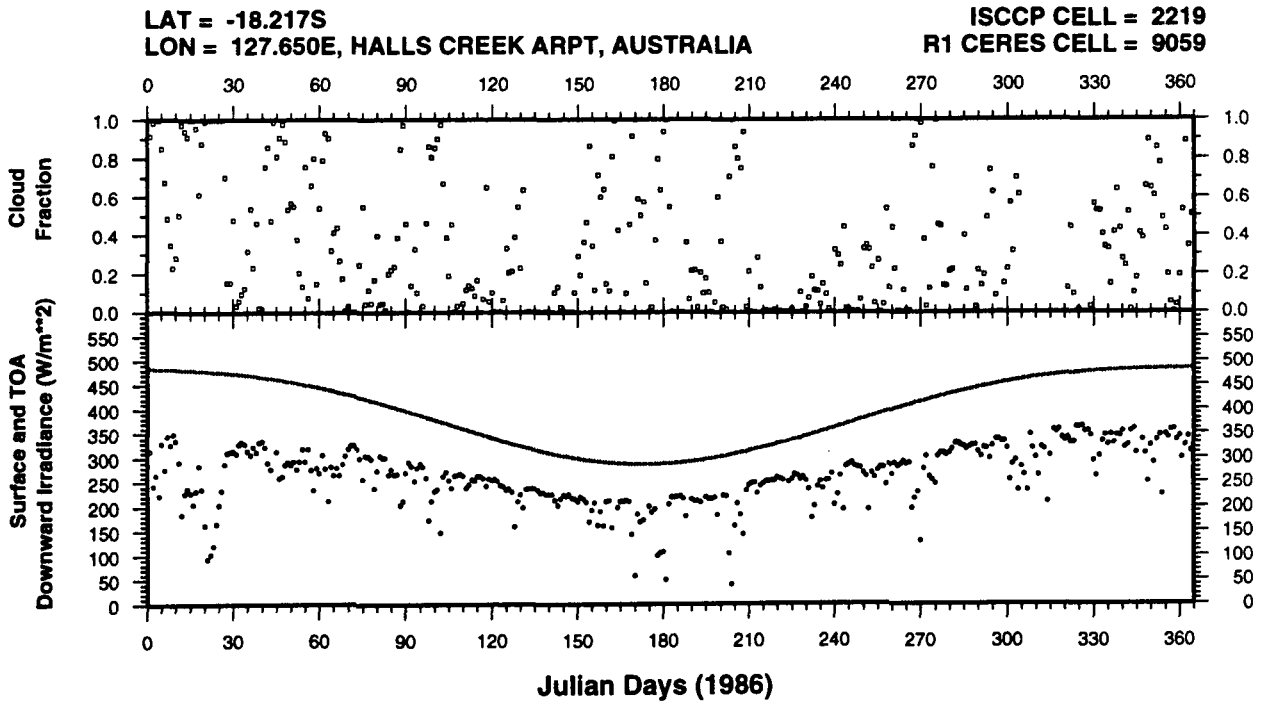
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G3. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for DARWIN, AUSTRALIA.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G4. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WILLIS IS., AUSTRALIA.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G5. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HALLS CREEK ARPT, AUSTRALIA.

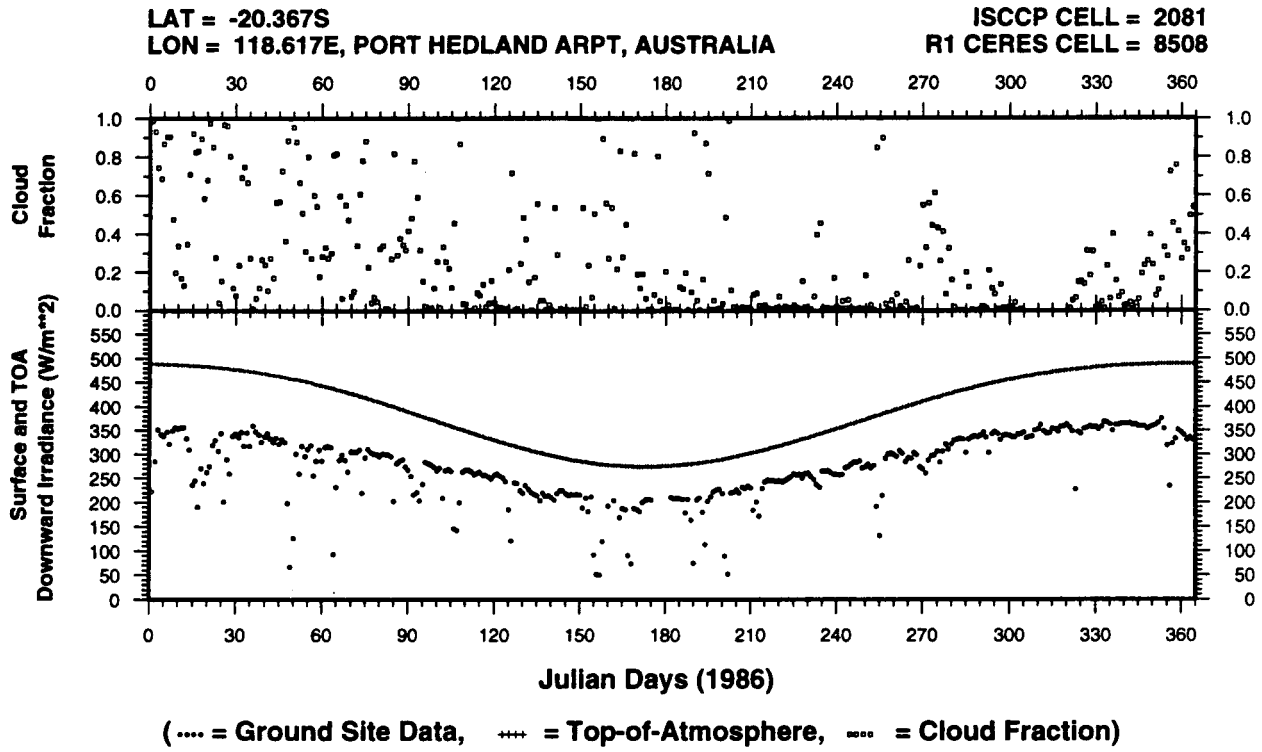


Figure G6. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PORT HEDLAND ARPT, AUSTRALIA.

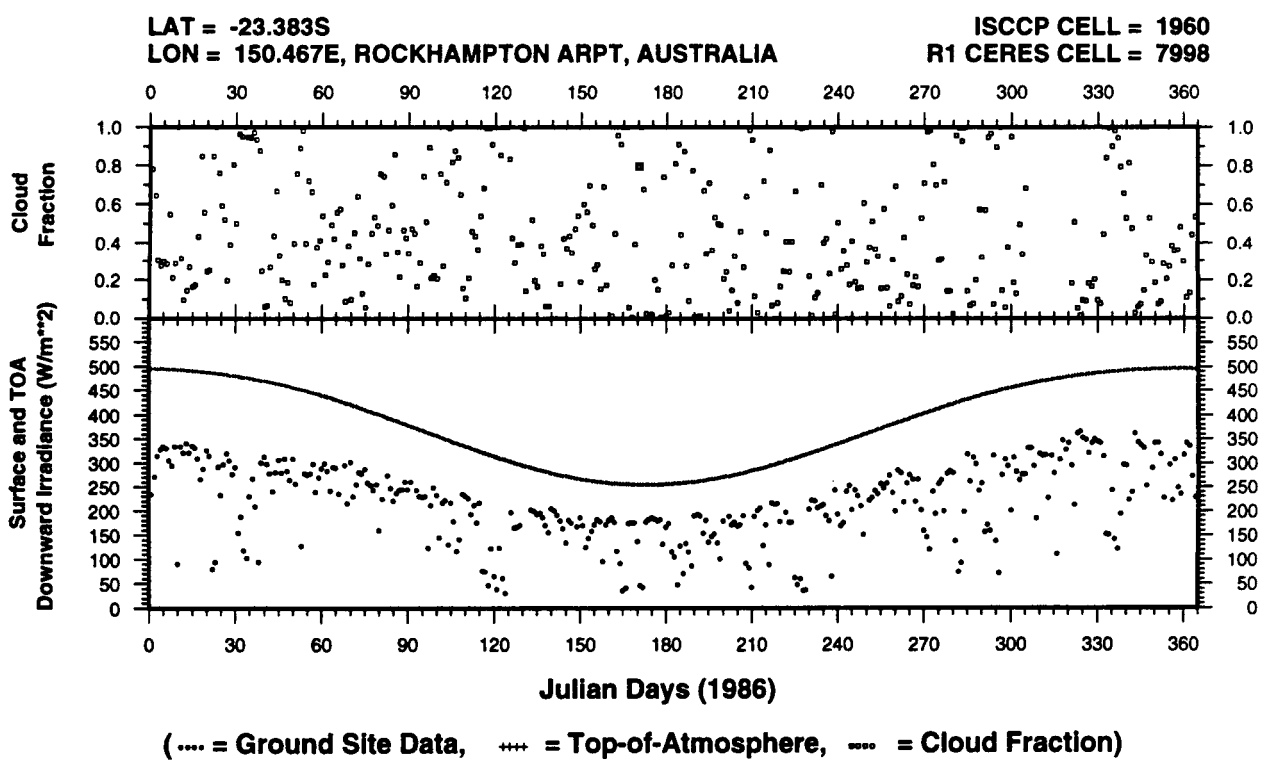
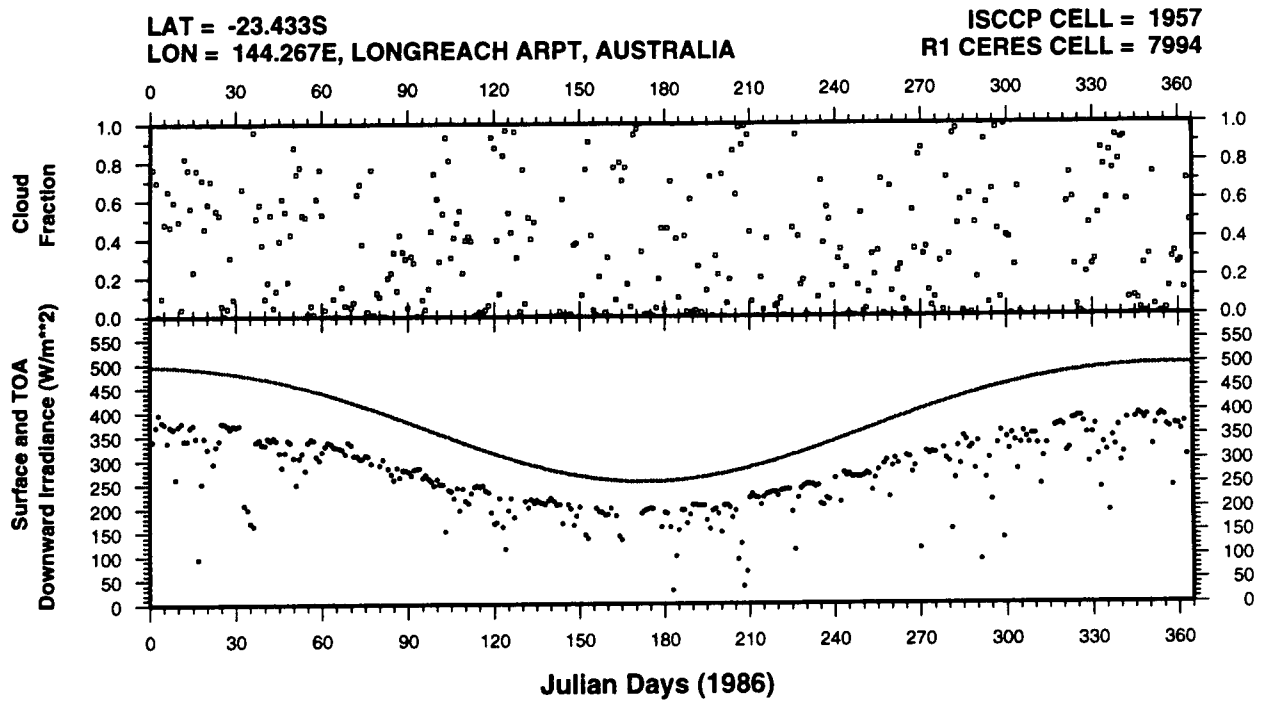
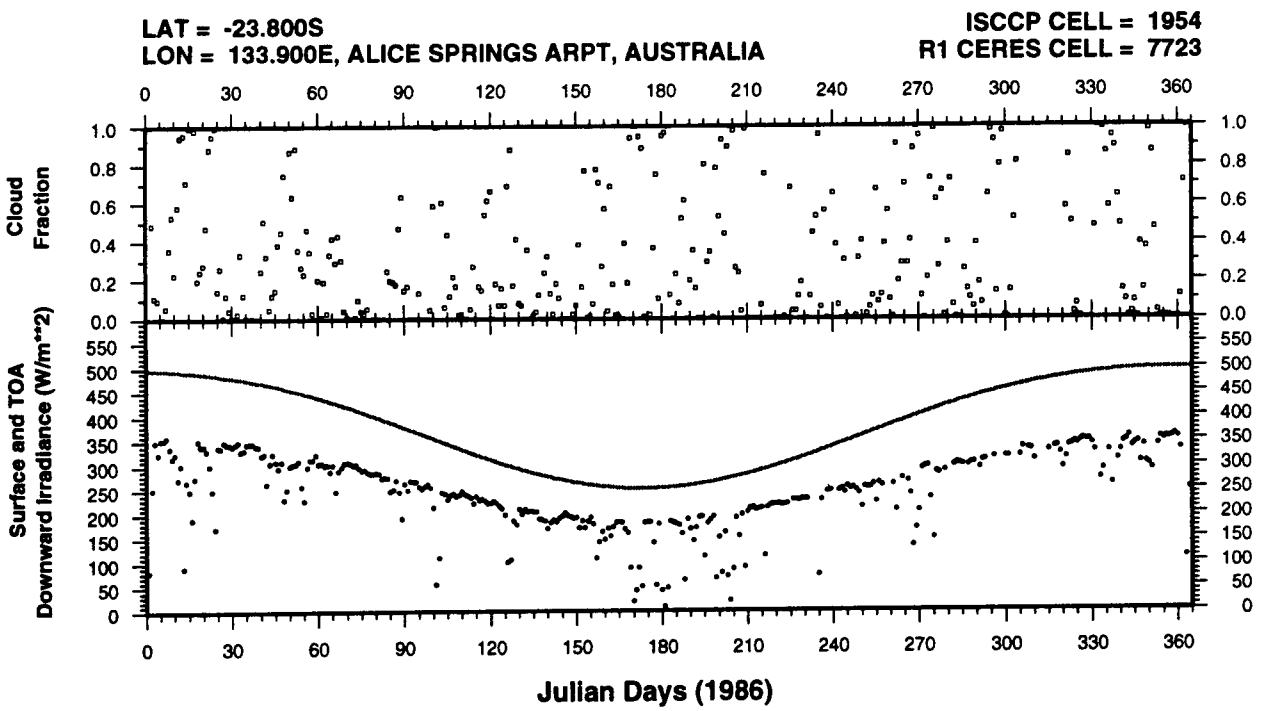


Figure G7. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ROCKHAMPTON ARPT, AUSTRALIA.



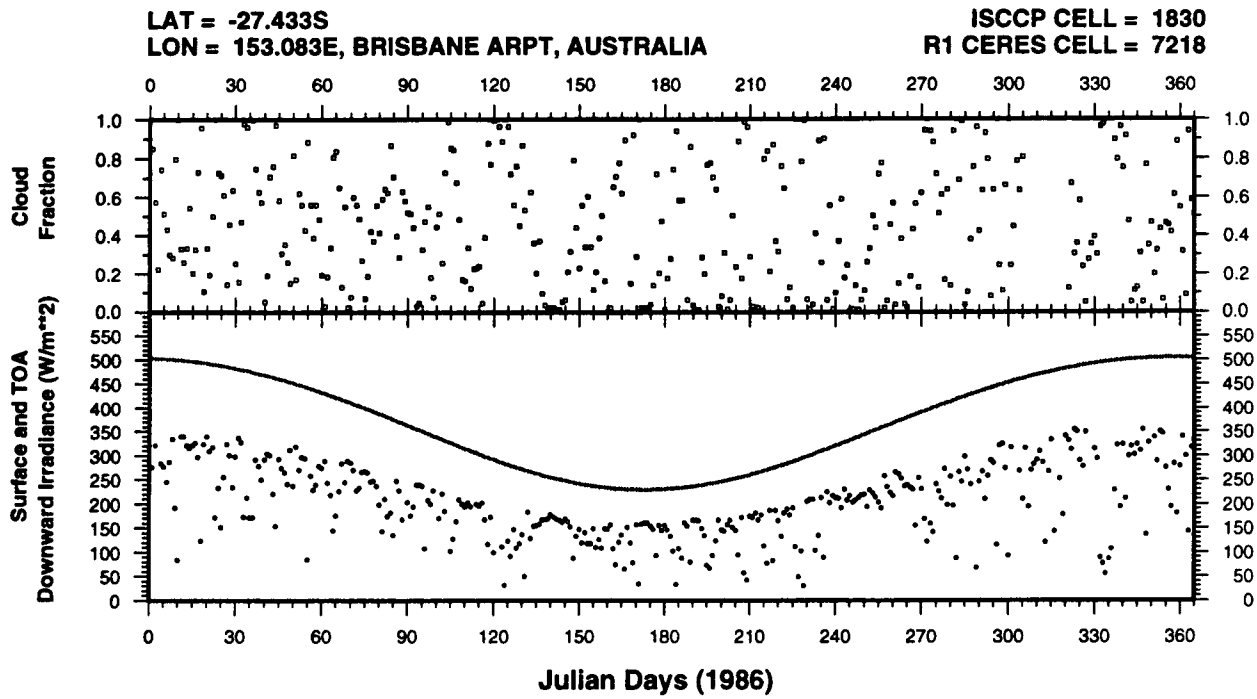
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G8. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LONGREACH ARPT, AUSTRALIA.



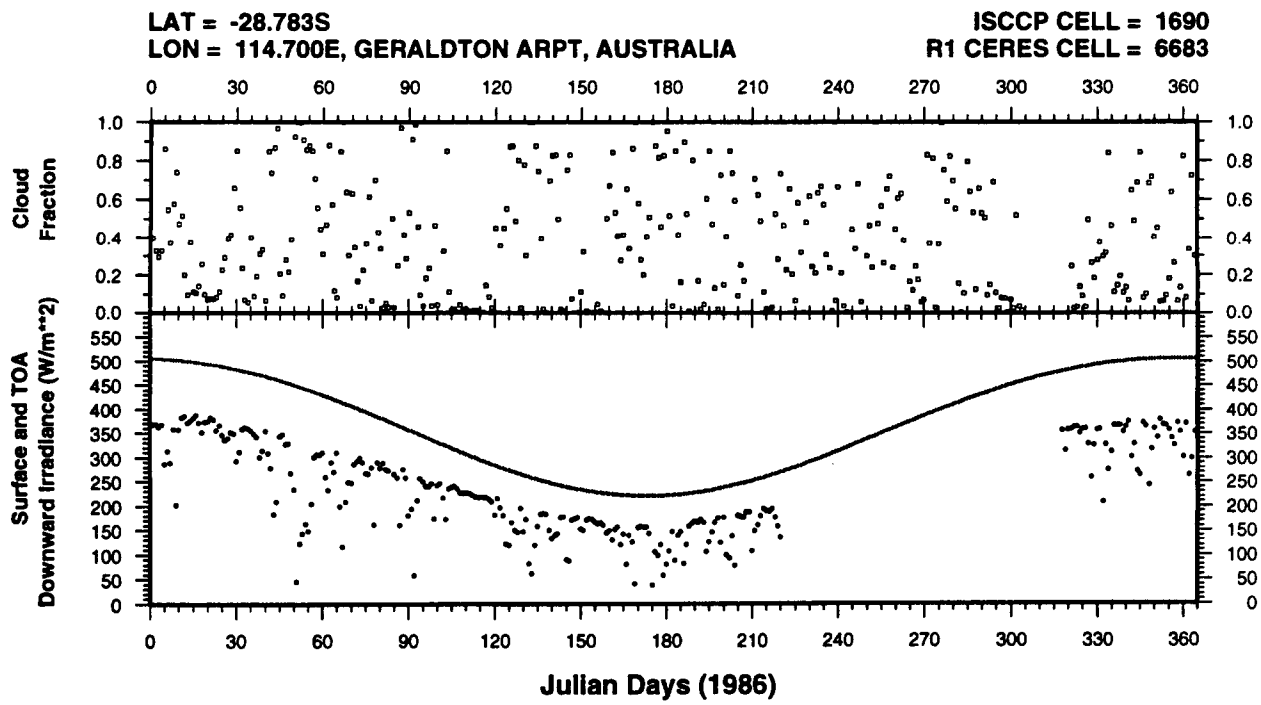
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G9. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ALICE SPRINGS ARPT, AUSTRALIA.



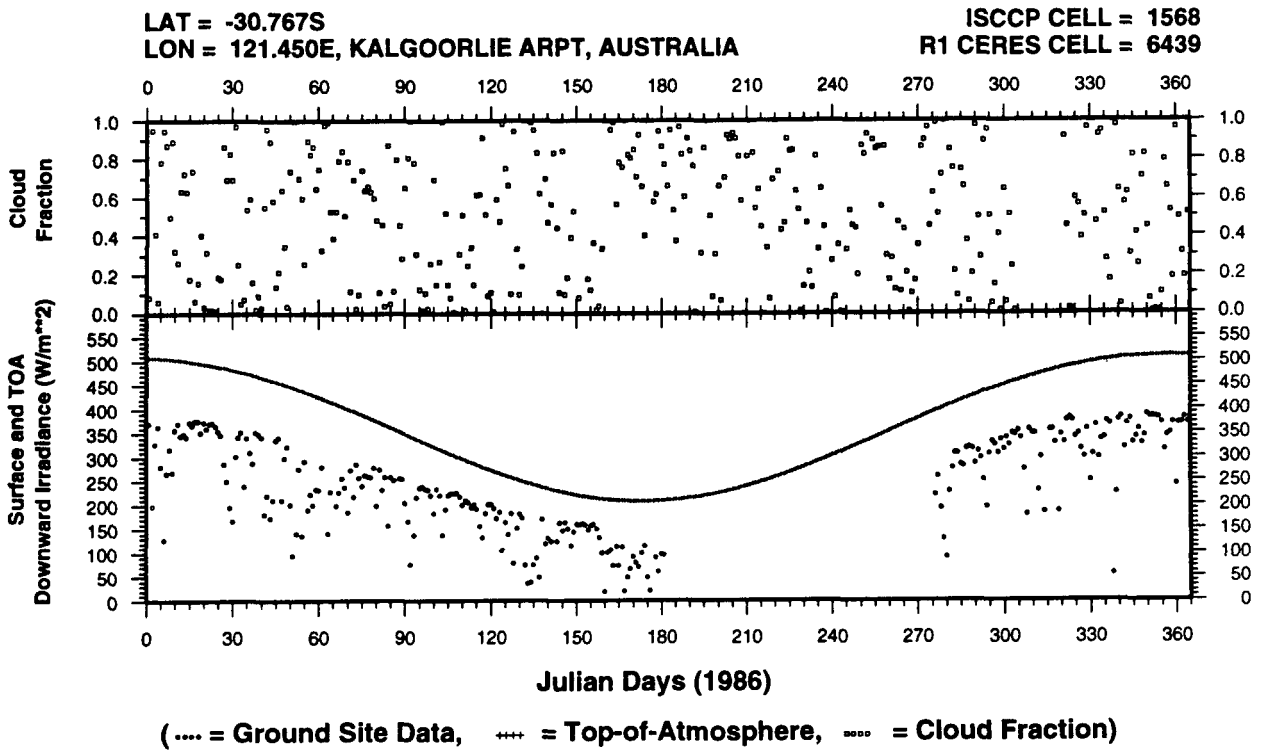
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G10. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for BRISBANE ARPT, AUSTRALIA.



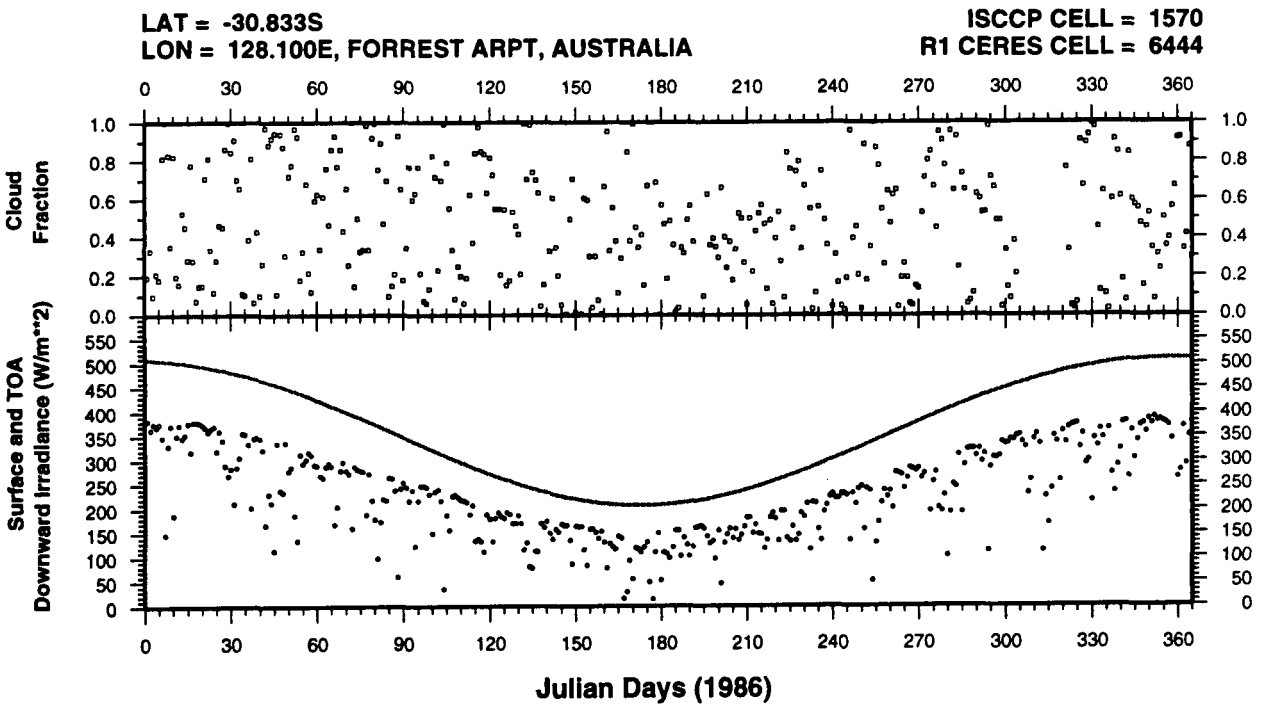
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G11. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for GERALDTON ARPT, AUSTRALIA.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G12. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KALGOORLIE ARPT, AUSTRALIA.



(.... = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G13. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for FORREST ARPT, AUSTRALIA.

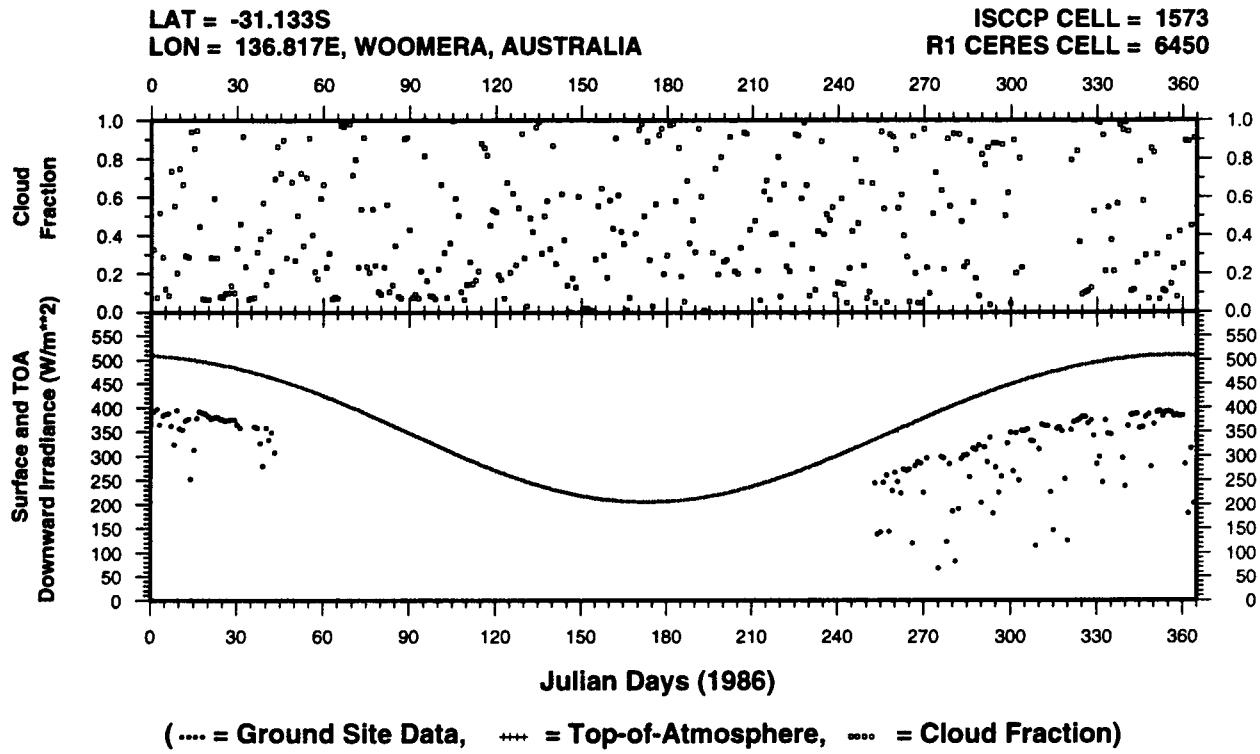


Figure G14. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WOOMERA, AUSTRALIA.

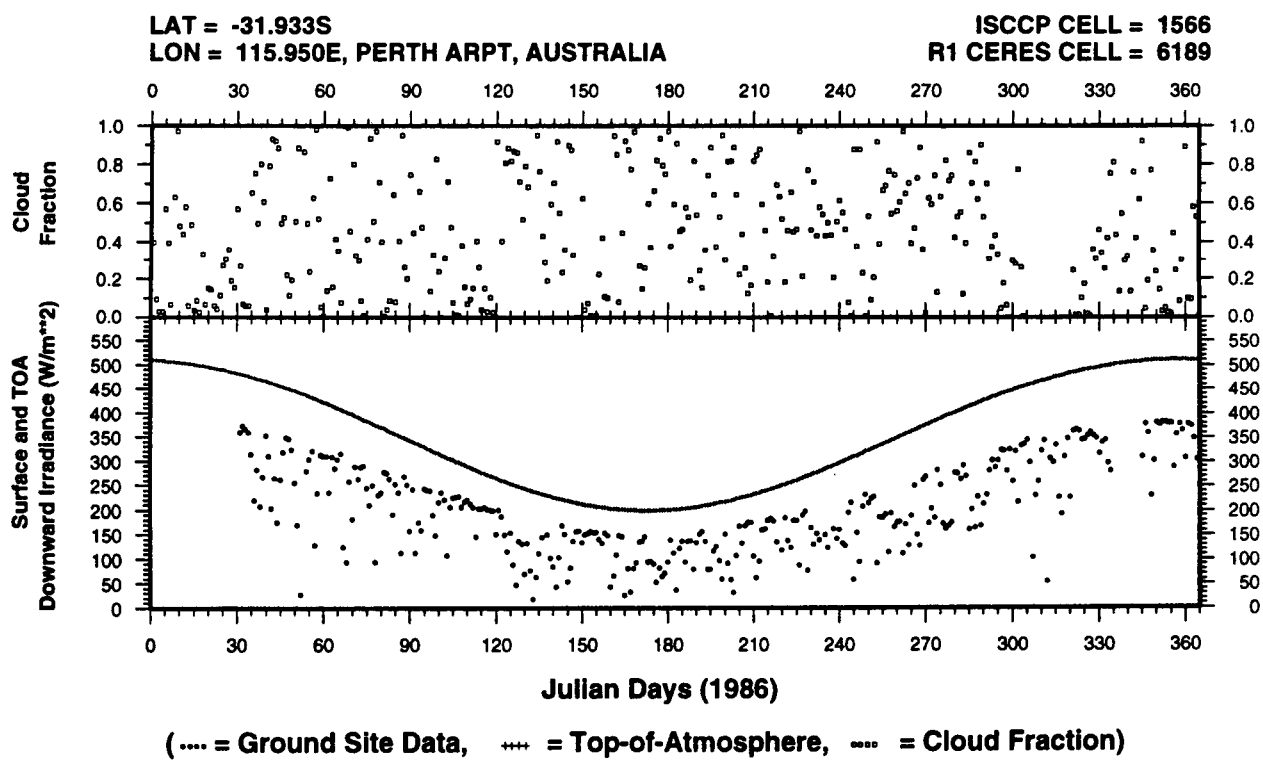
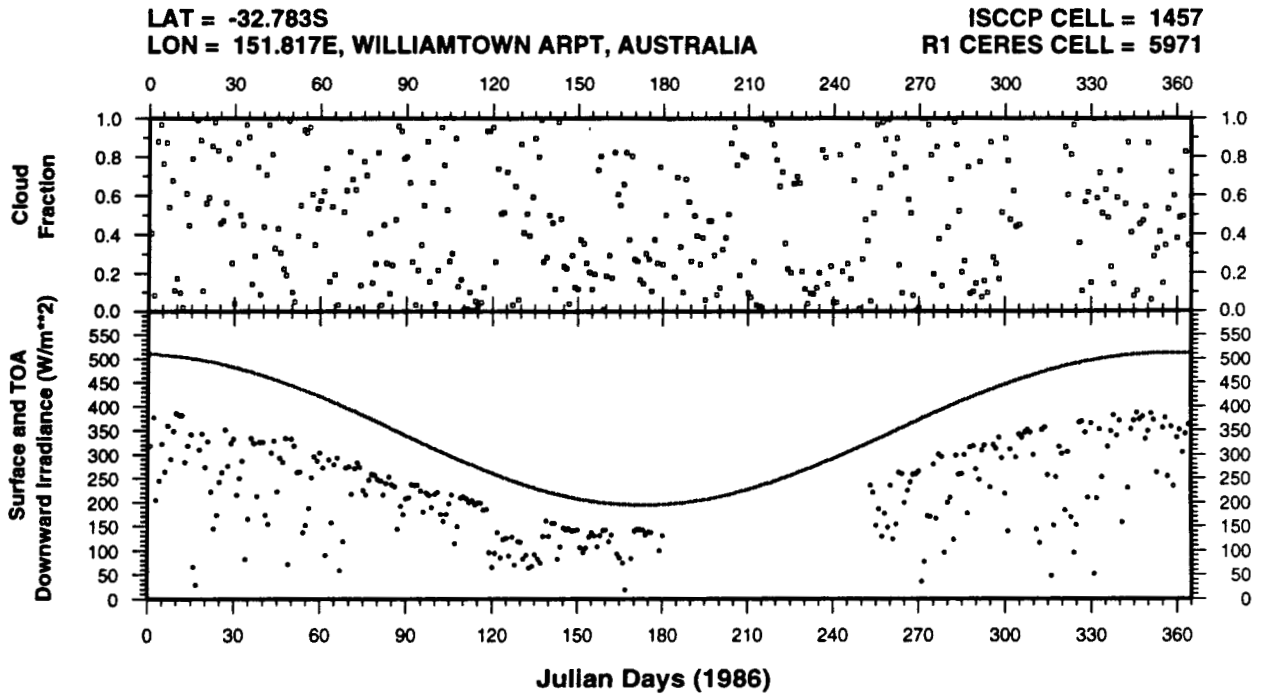
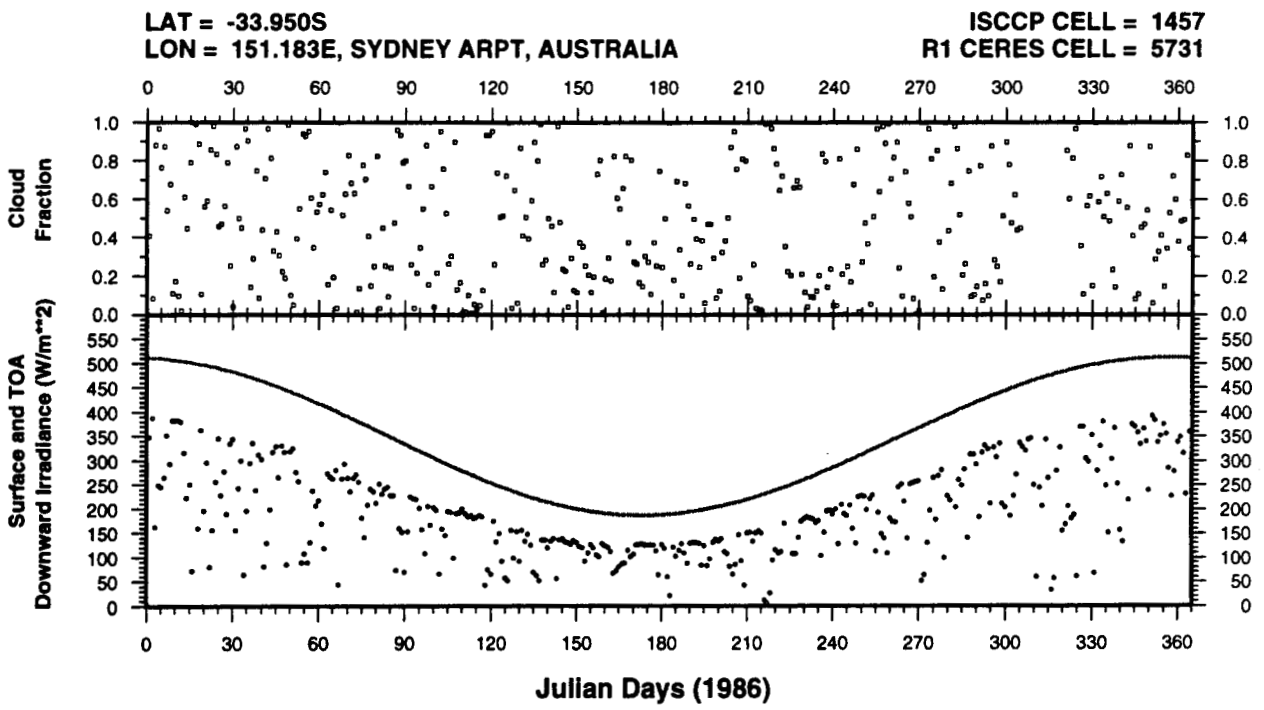


Figure G15. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for PERTH ARPT, AUSTRALIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G16. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WILLIAMTOWN ARPT, AUSTRALIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G17. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SYDNEY ARPT, AUSTRALIA.

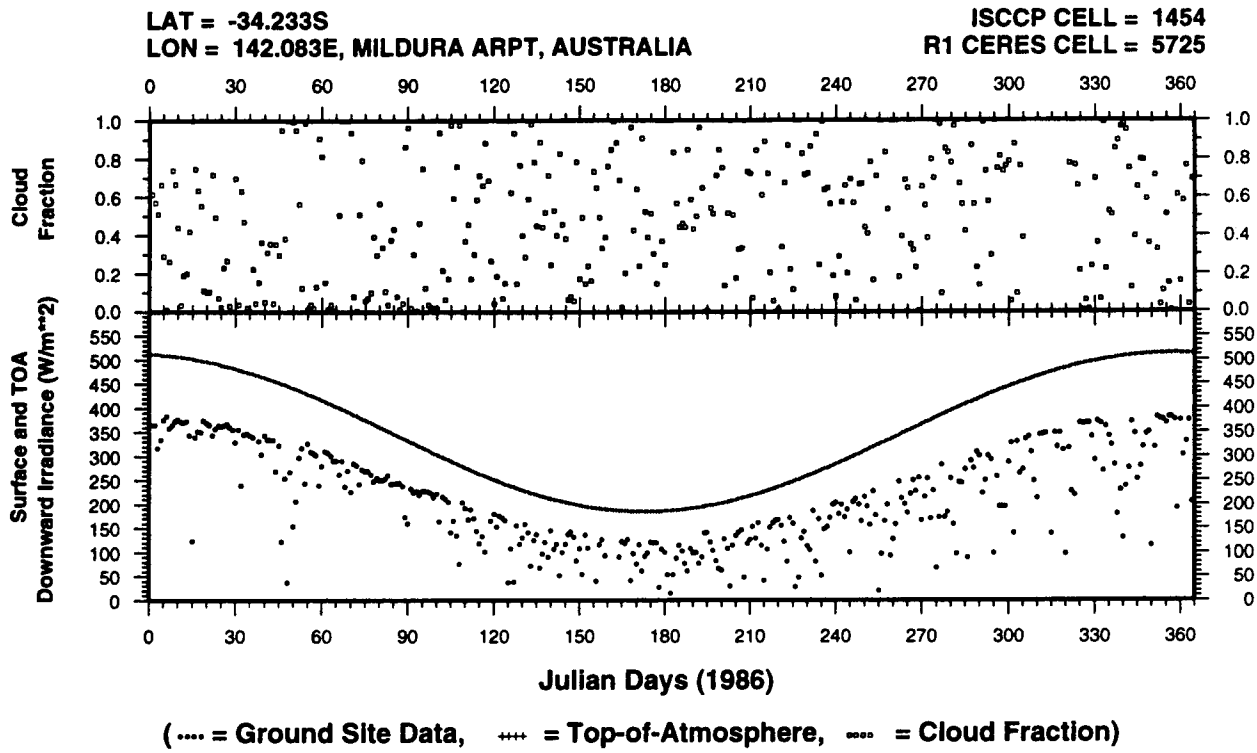


Figure G18. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MILDURA ARPT, AUSTRALIA.

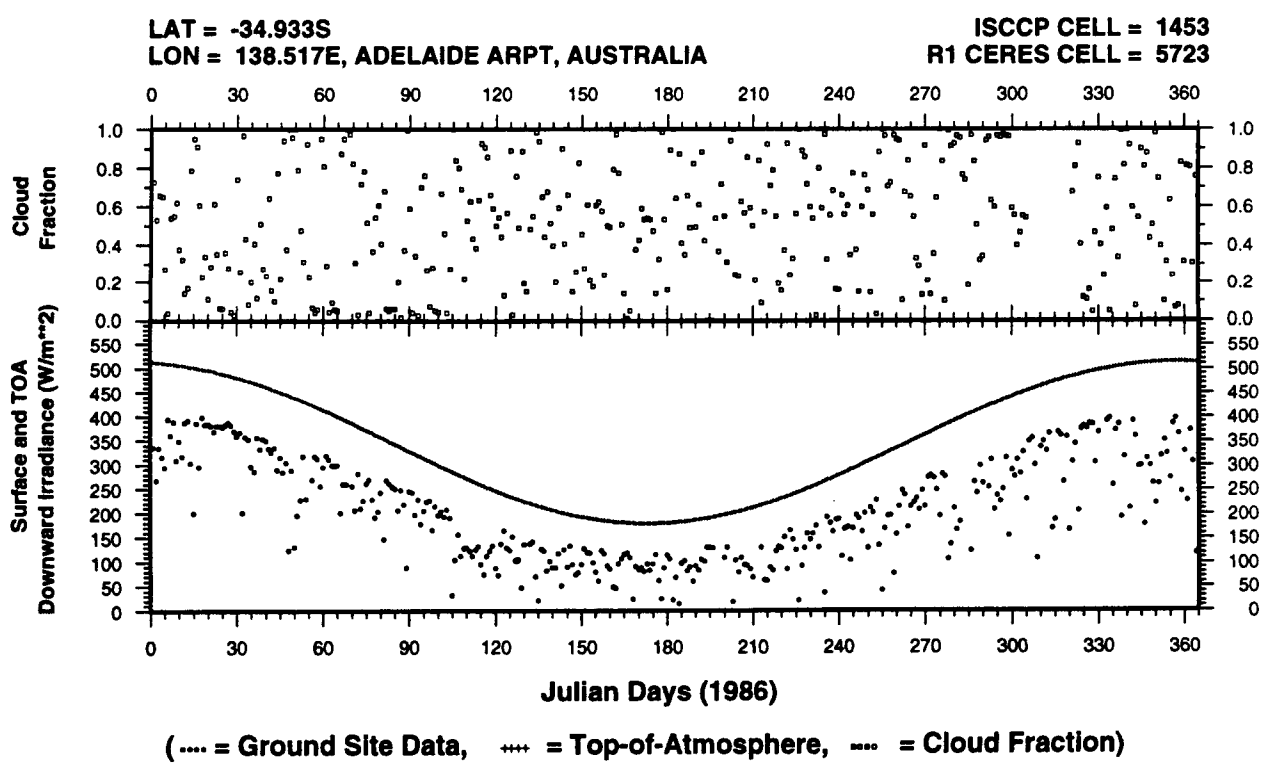


Figure G19. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ADELAIDE ARPT, AUSTRALIA.

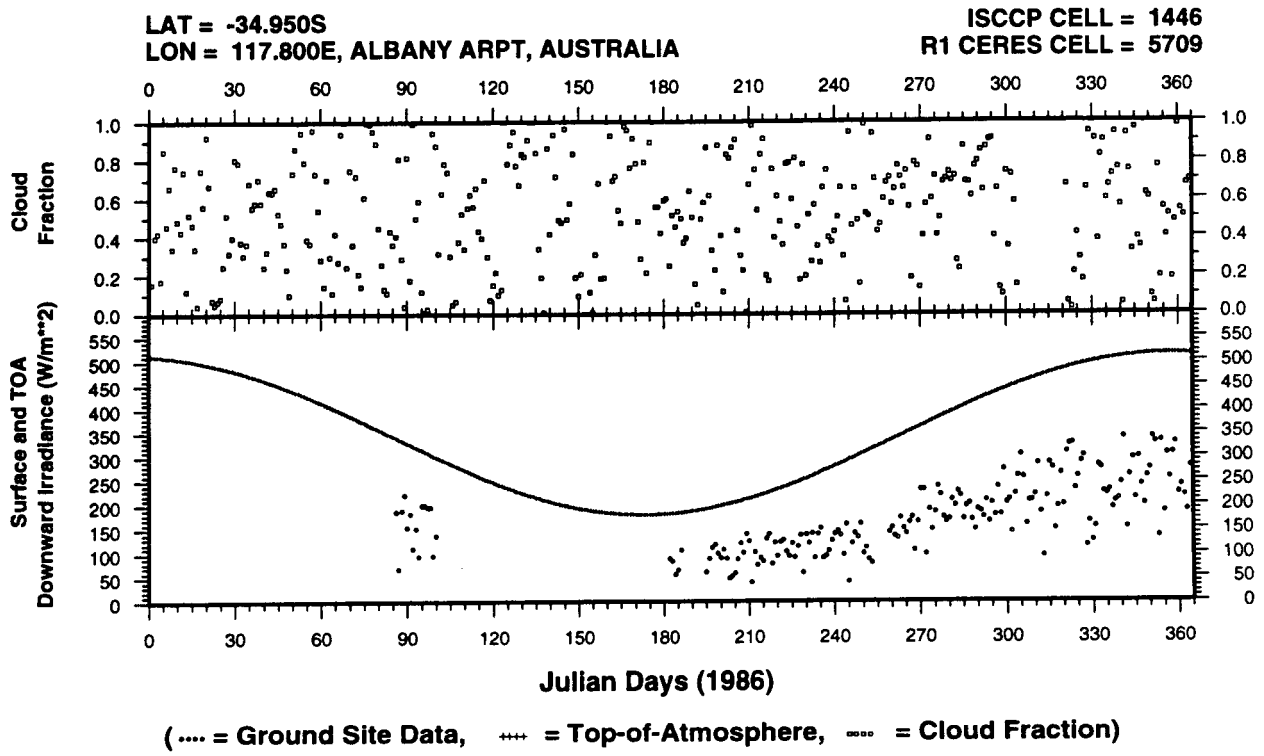


Figure G20. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for ALBANY ARPT, AUSTRALIA.

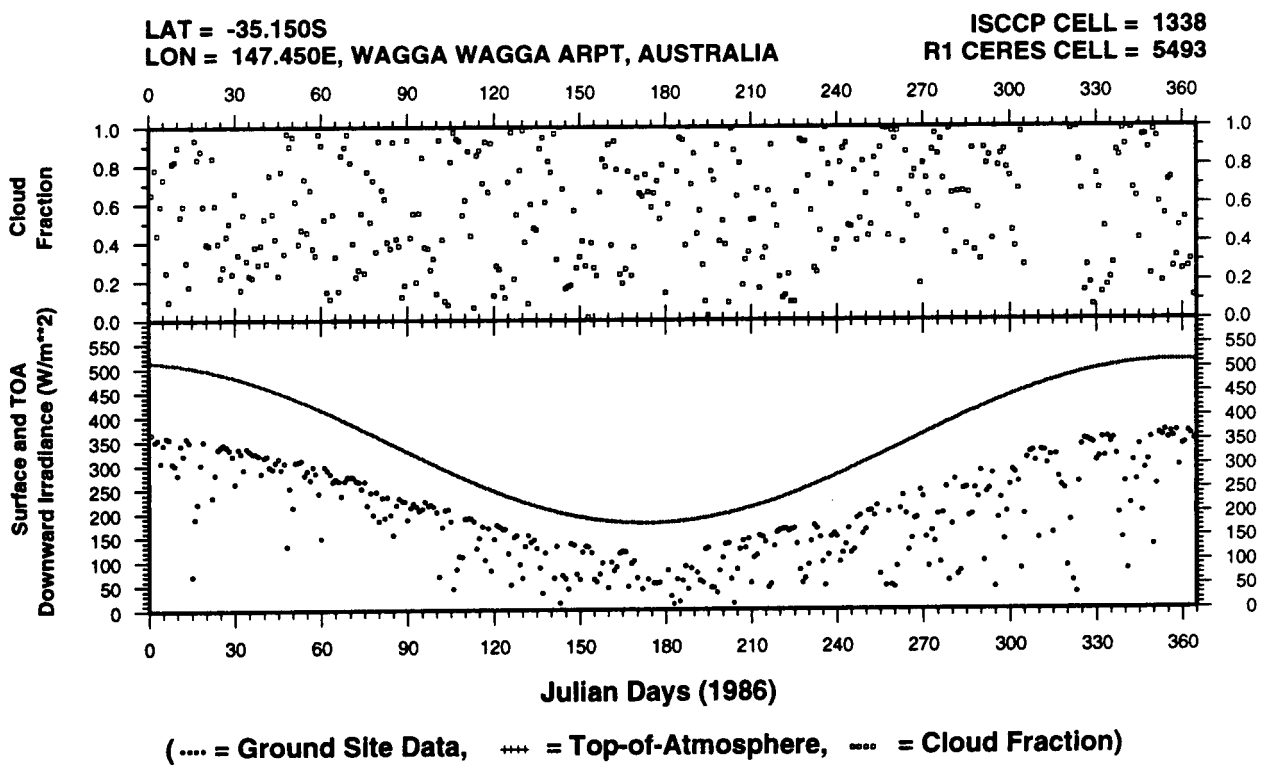


Figure G21. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WAGGA WAGGA ARPT, AUSTRALIA.

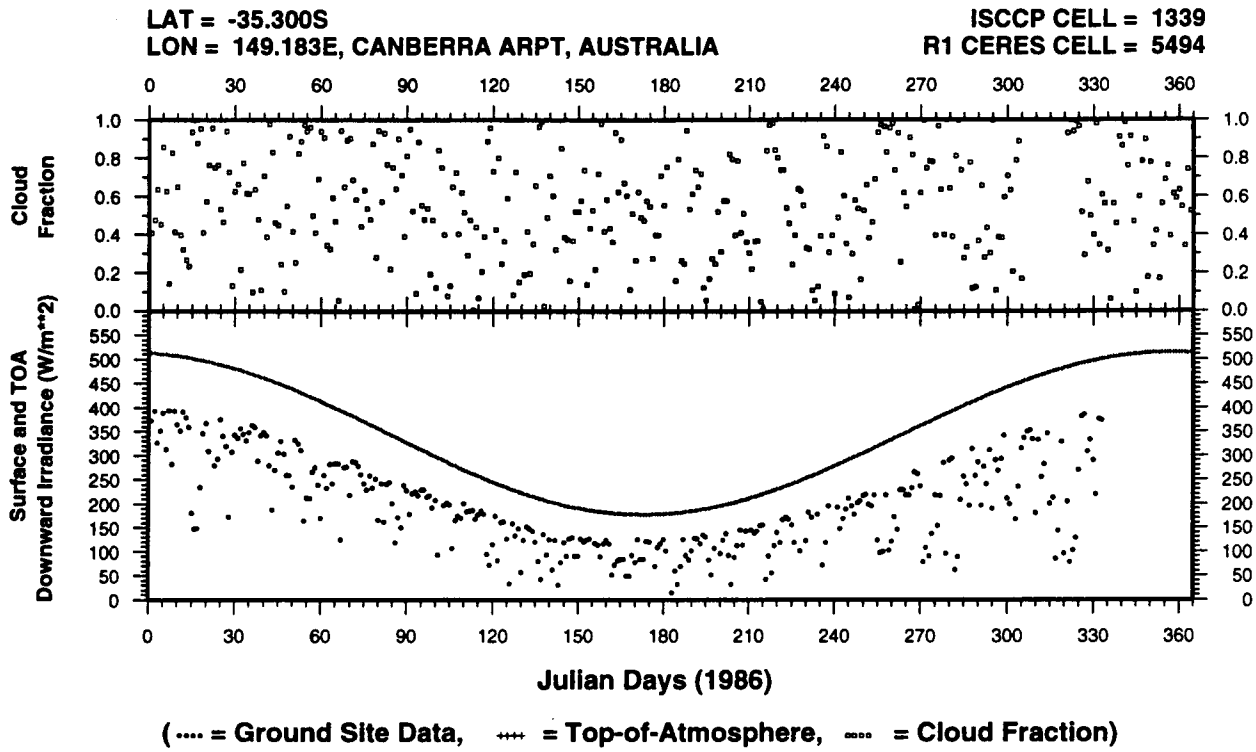


Figure G22. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CANBERRA ARPT, AUSTRALIA.

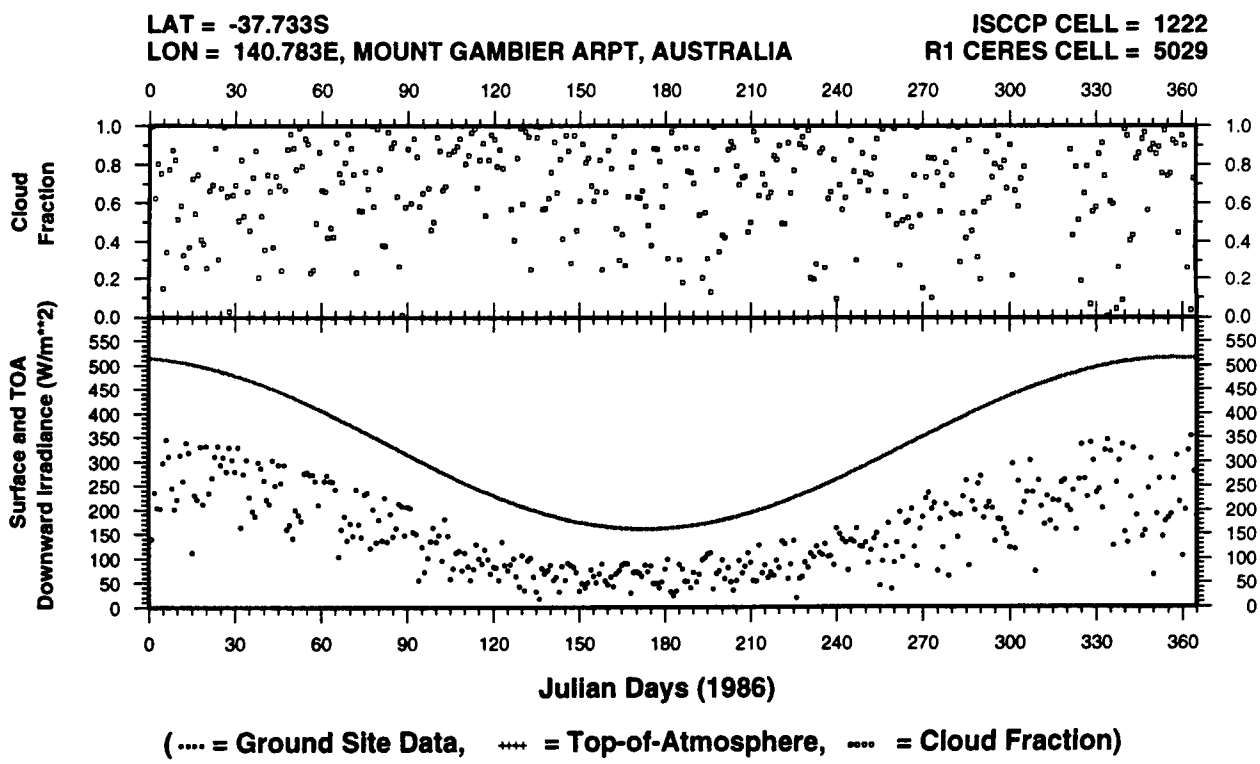
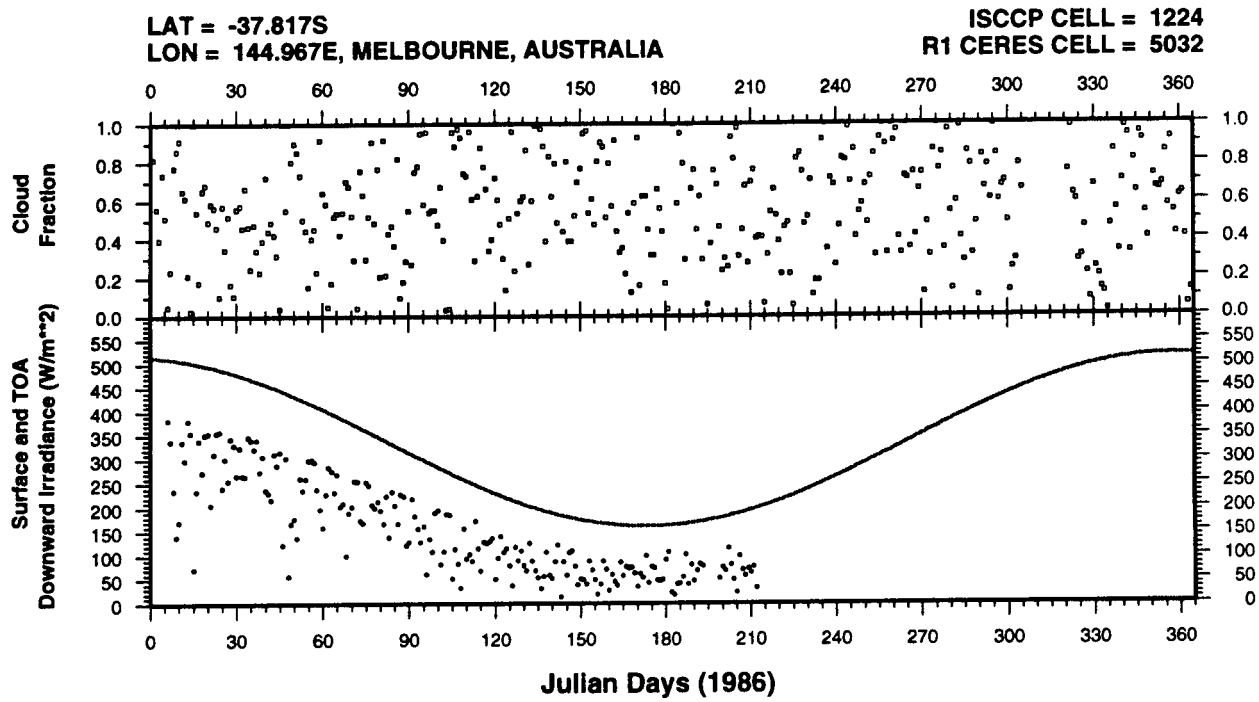
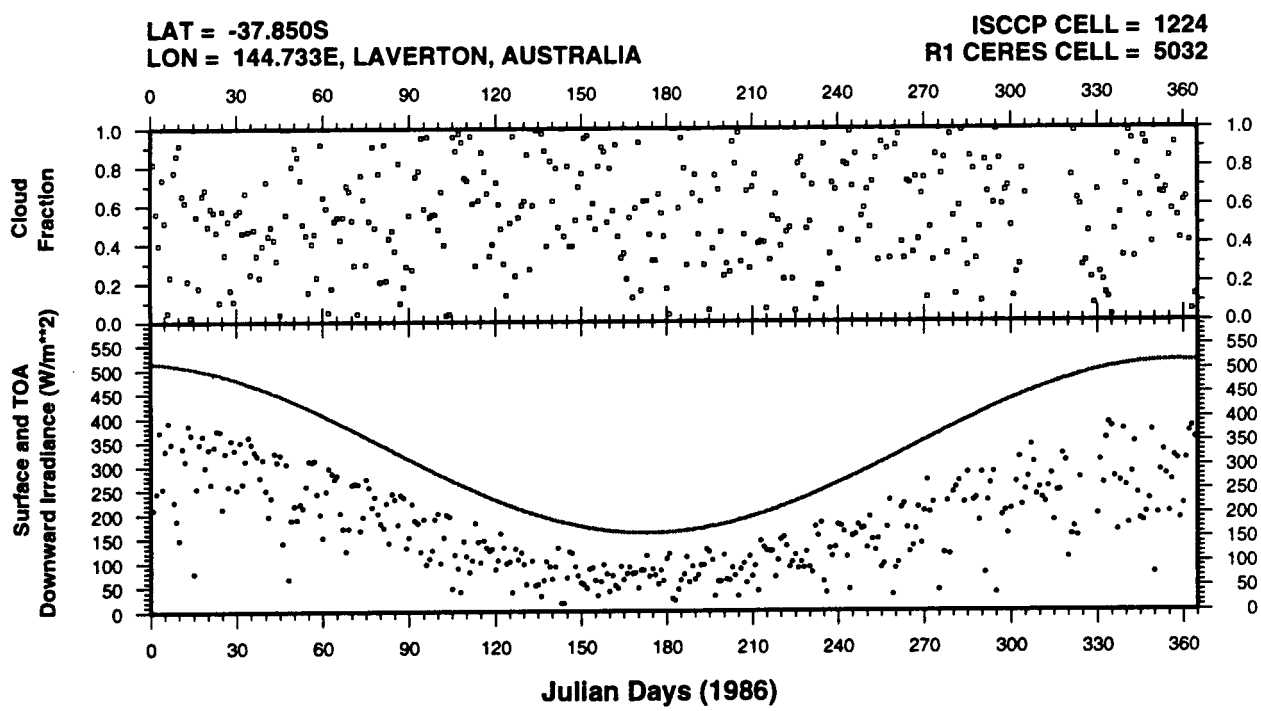


Figure G23. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOUNT GAMBIER ARPT, AUSTRALIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G24. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MELBOURNE, AUSTRALIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G25. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for LAVERTON, AUSTRALIA.

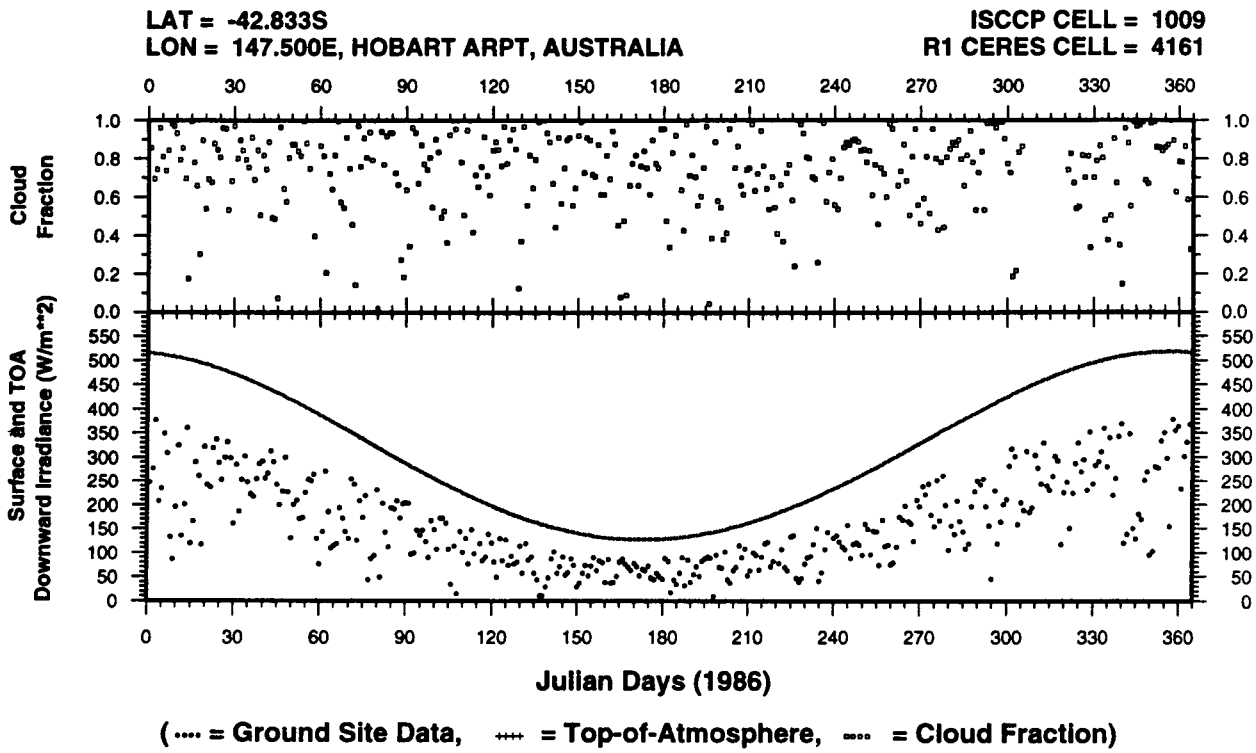


Figure G26. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for HOBART ARPT, AUSTRALIA.

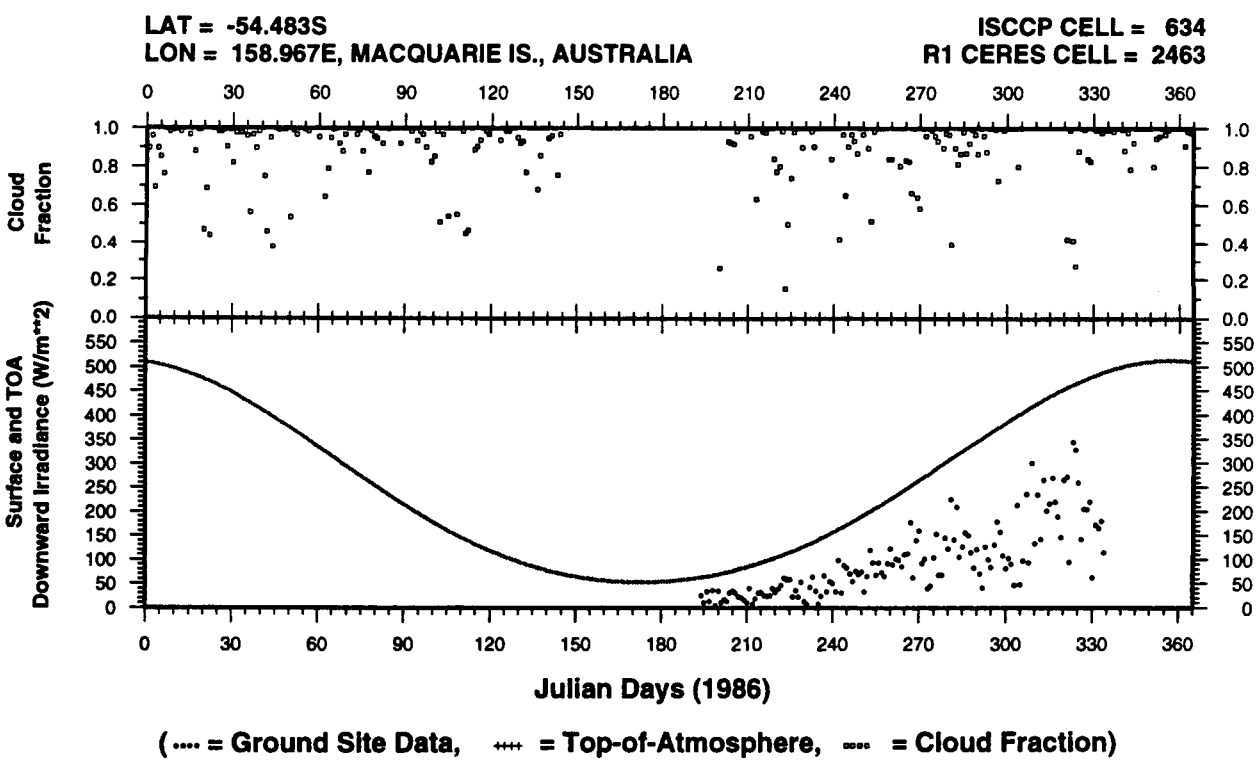
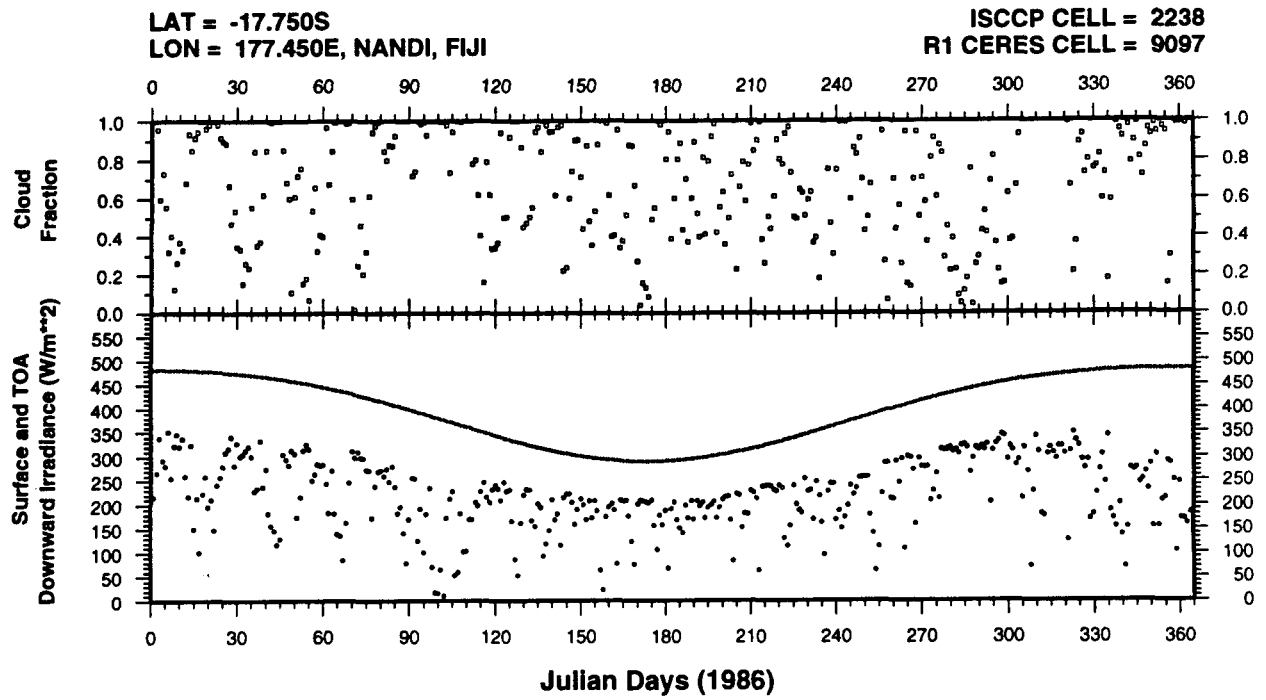
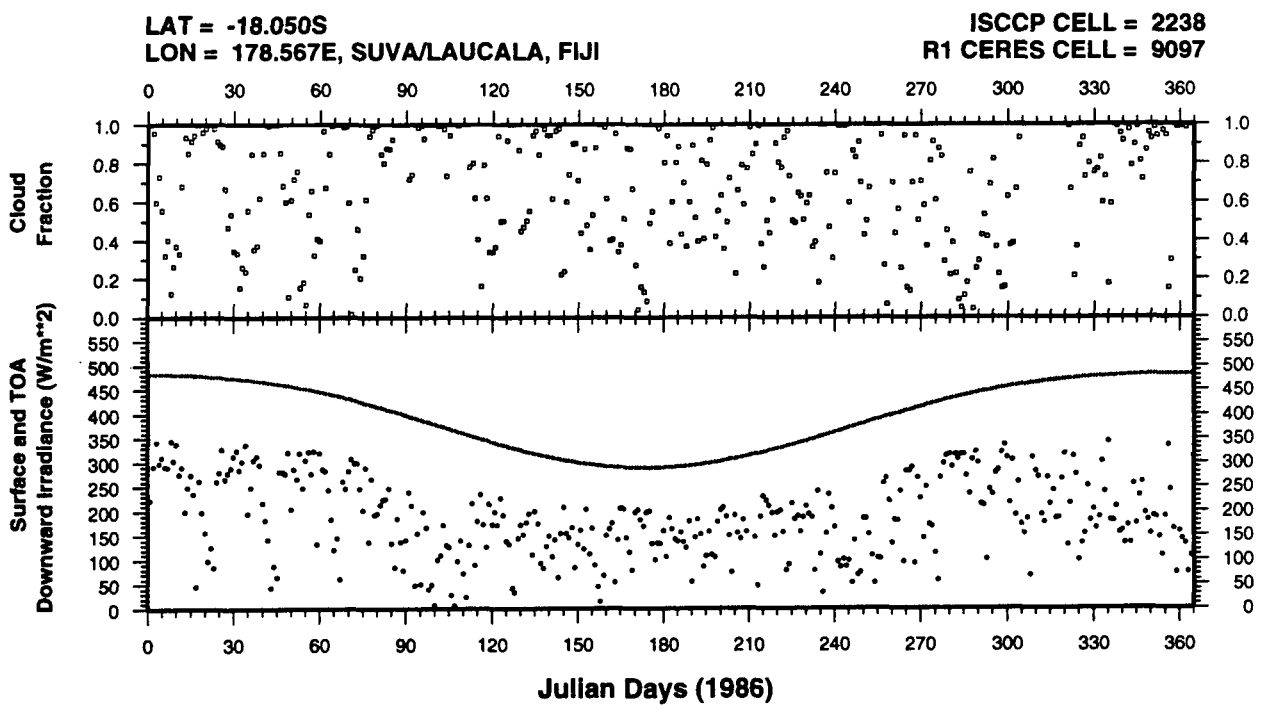


Figure G27. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MACQUARIE IS., AUSTRALIA.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G28. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for NANDI, FIJI.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G29. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SUVA/LAUCALA, FIJI.

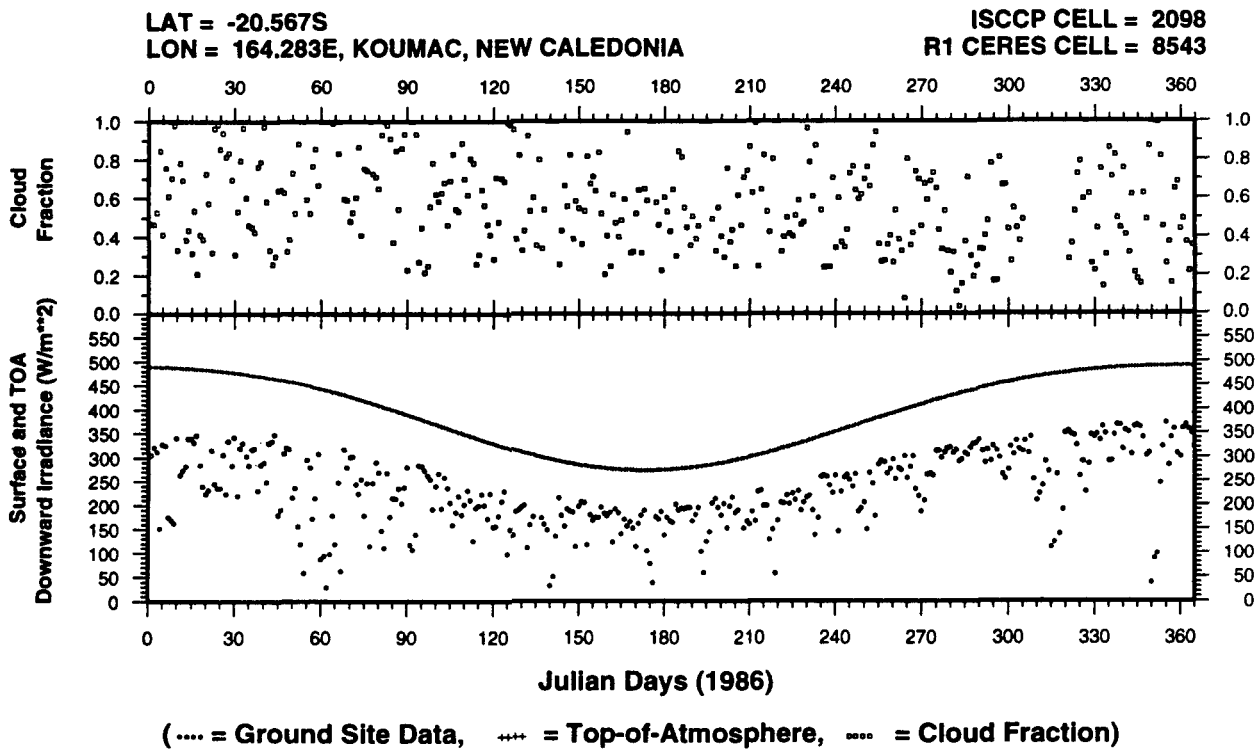


Figure G30. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for KOUMAC, NEW CALEDONIA.

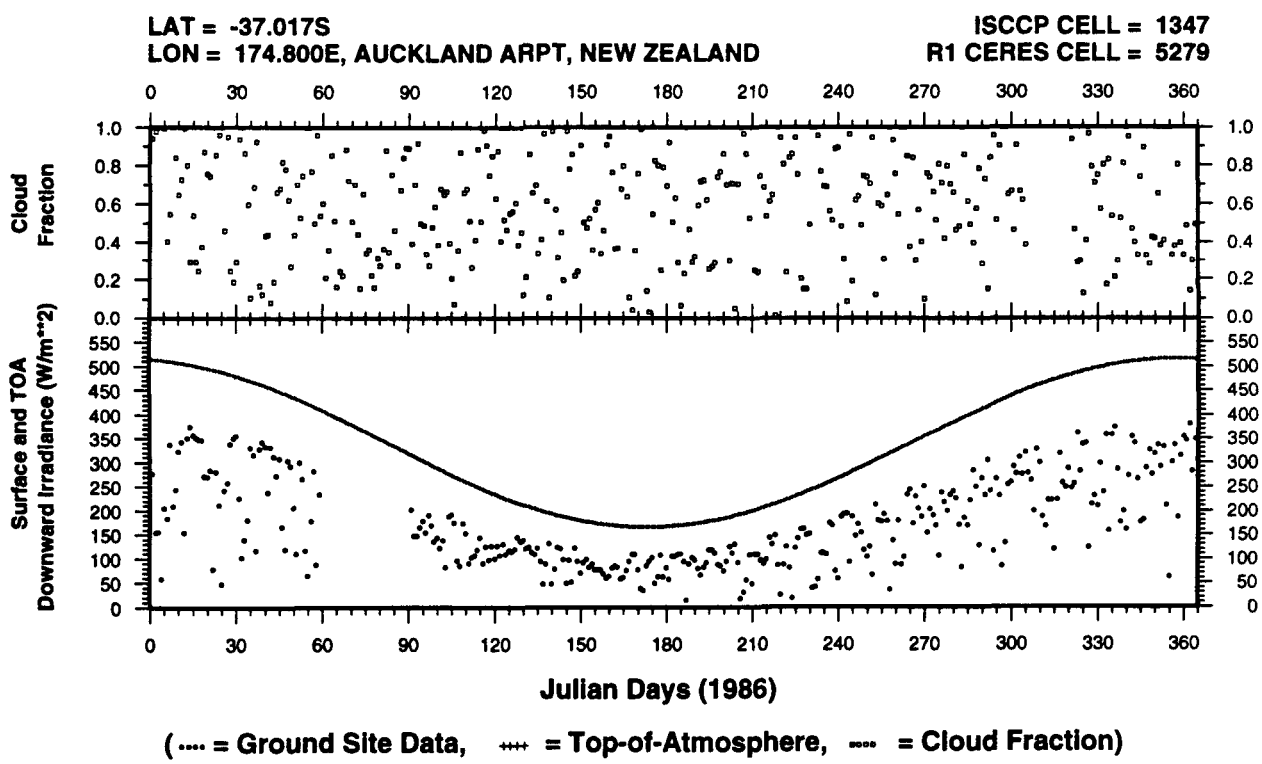


Figure G31. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for AUCKLAND ARPT, NEW ZEALAND.

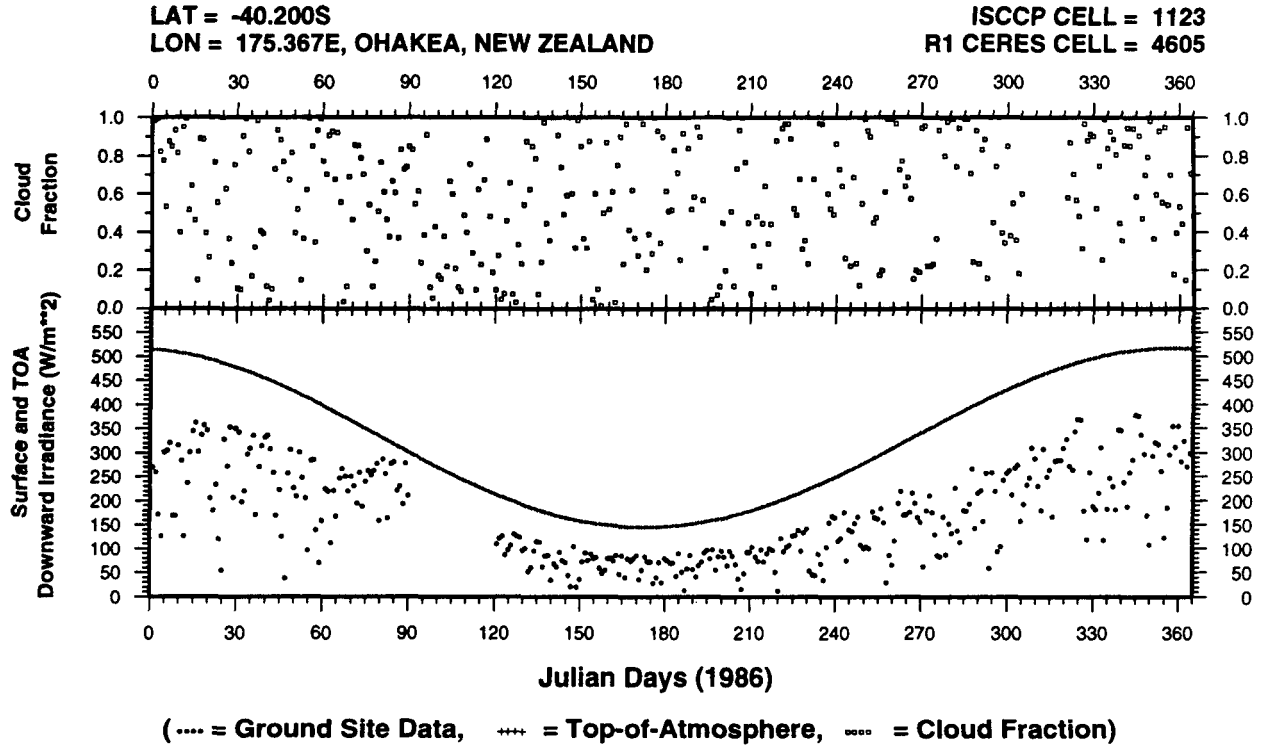


Figure G32. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for OHAKEA, NEW ZEALAND.

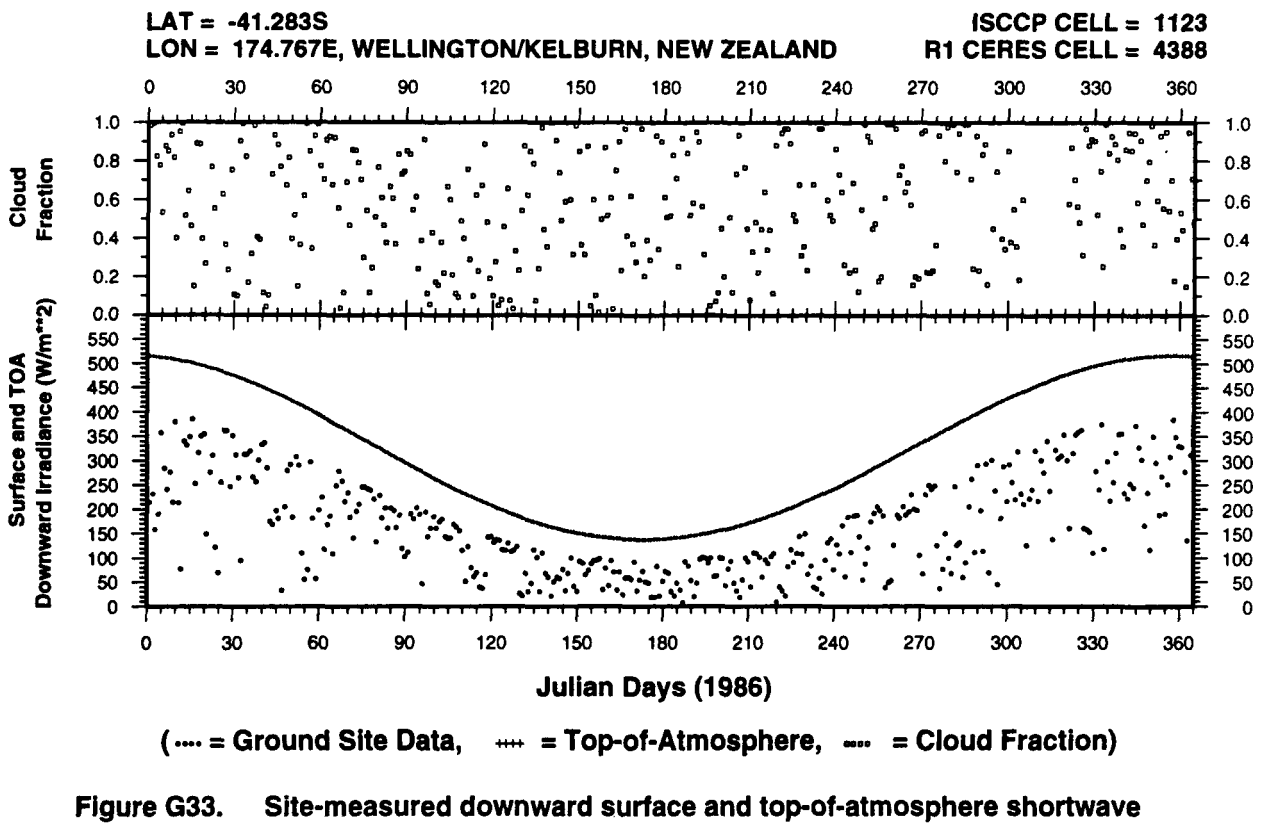
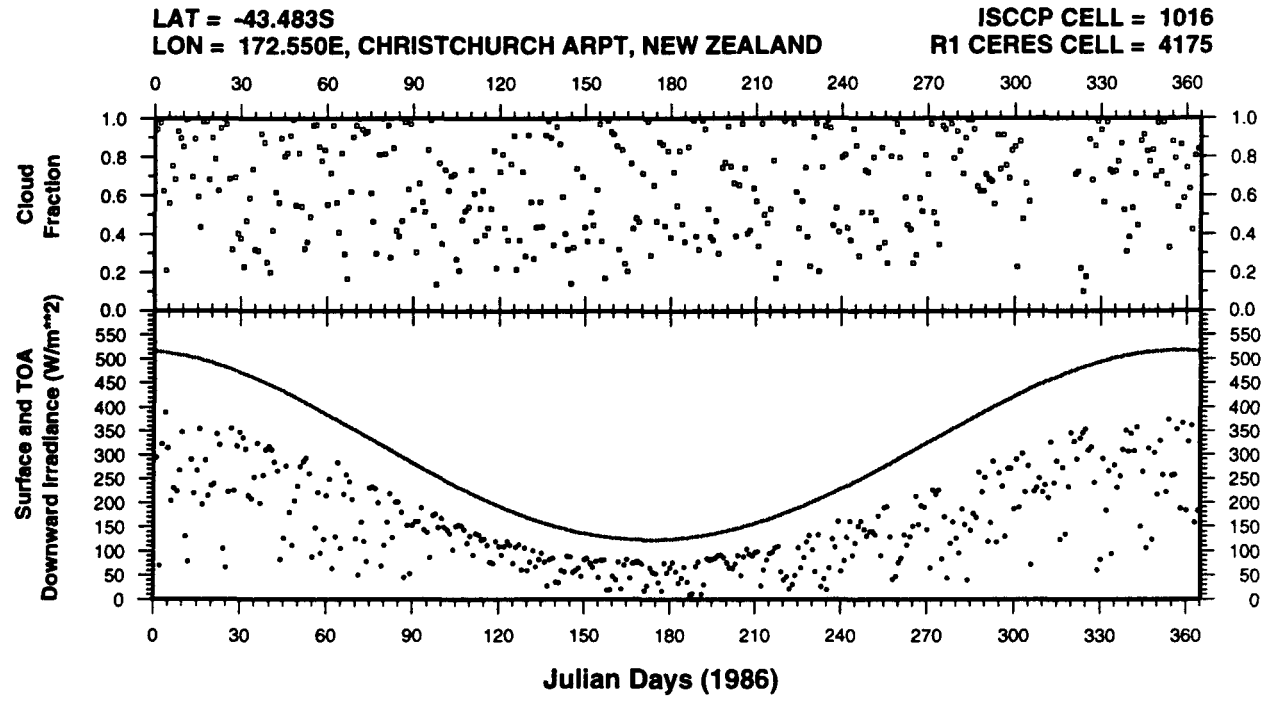
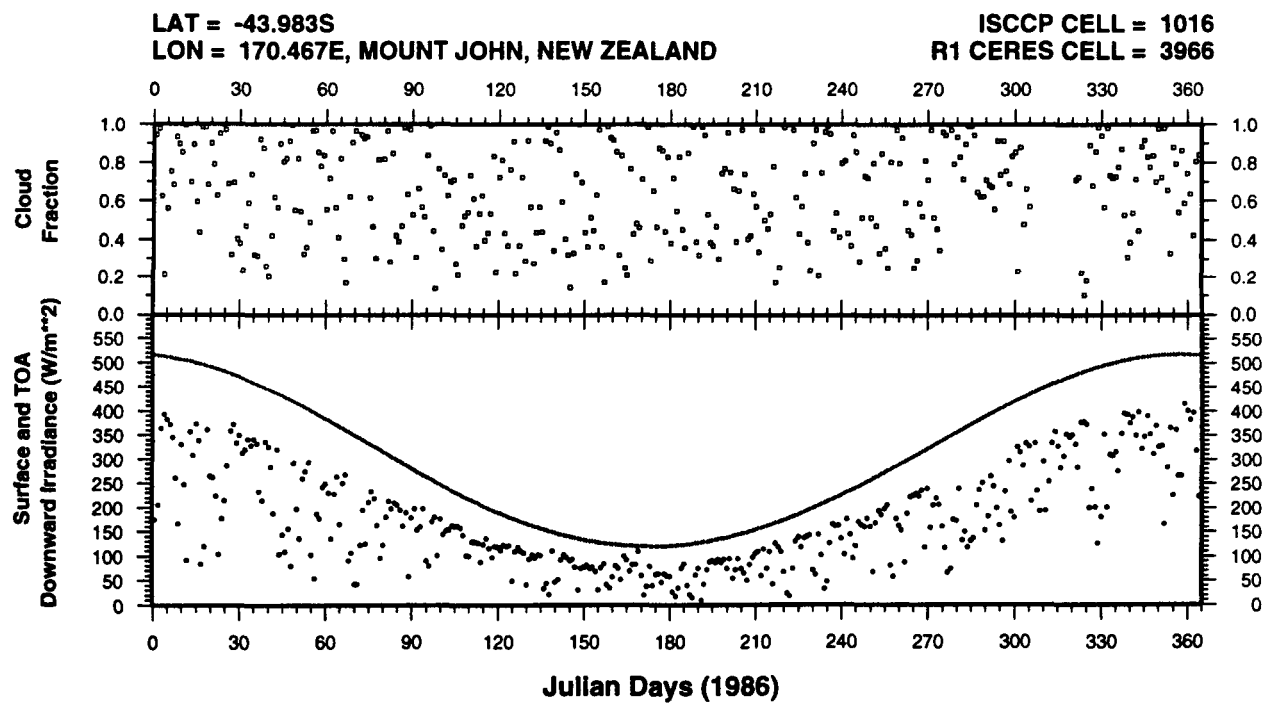


Figure G33. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for WELLINGTON/KELBURN, NEW ZEALAND.



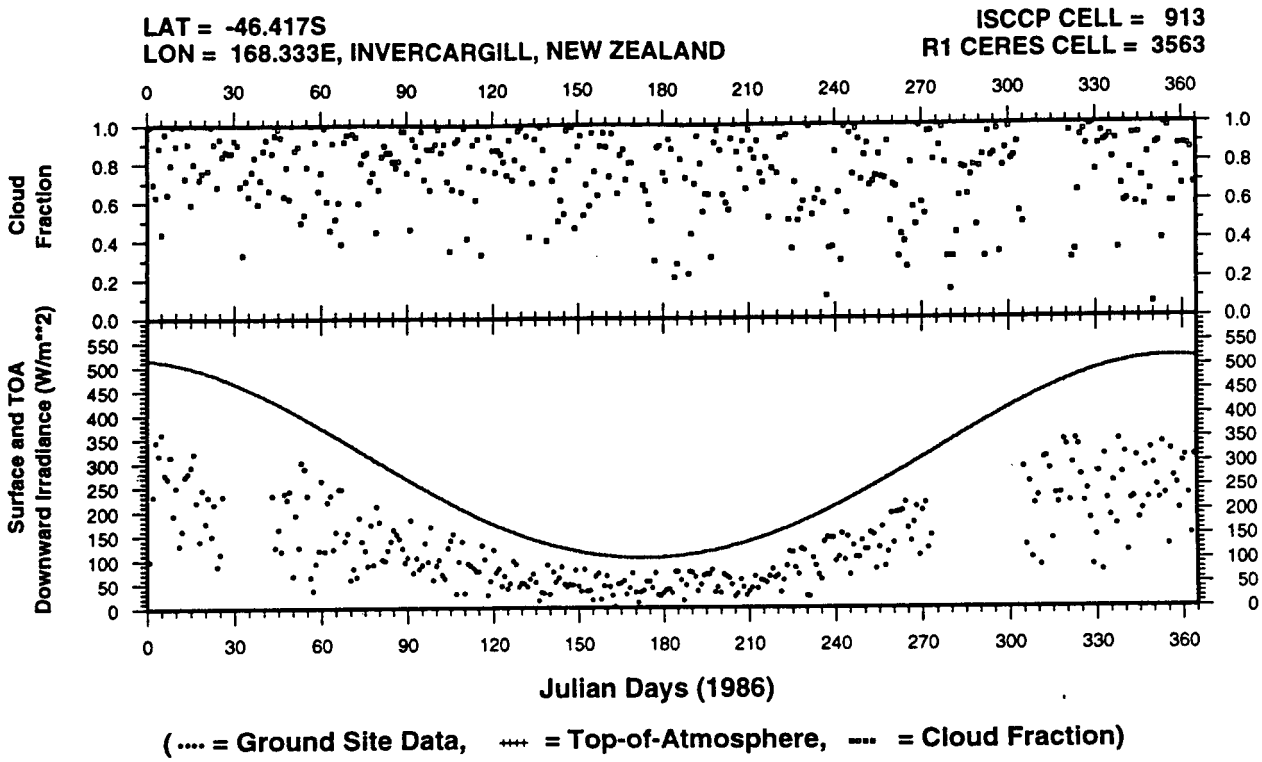
(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G34. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for CHRISTCHURCH ARPT, NEW ZEALAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G35. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for MOUNT JOHN, NEW ZEALAND.



(···· = Ground Site Data, ++++ = Top-of-Atmosphere, ---- = Cloud Fraction)

Figure G36. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for INVERCARGILL, NEW ZEALAND.

Appendix I

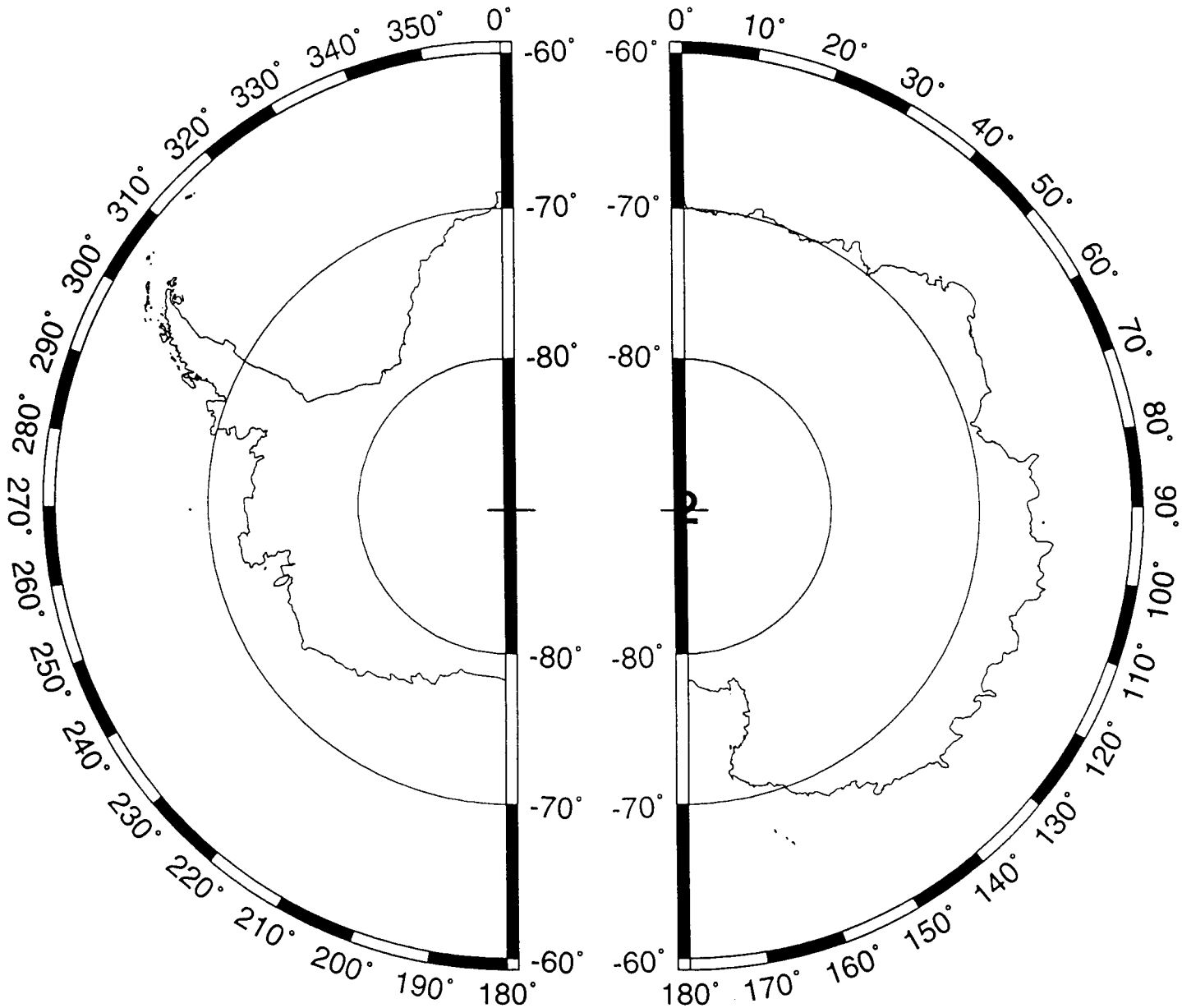


Figure I1. Ground truth sites in region I.

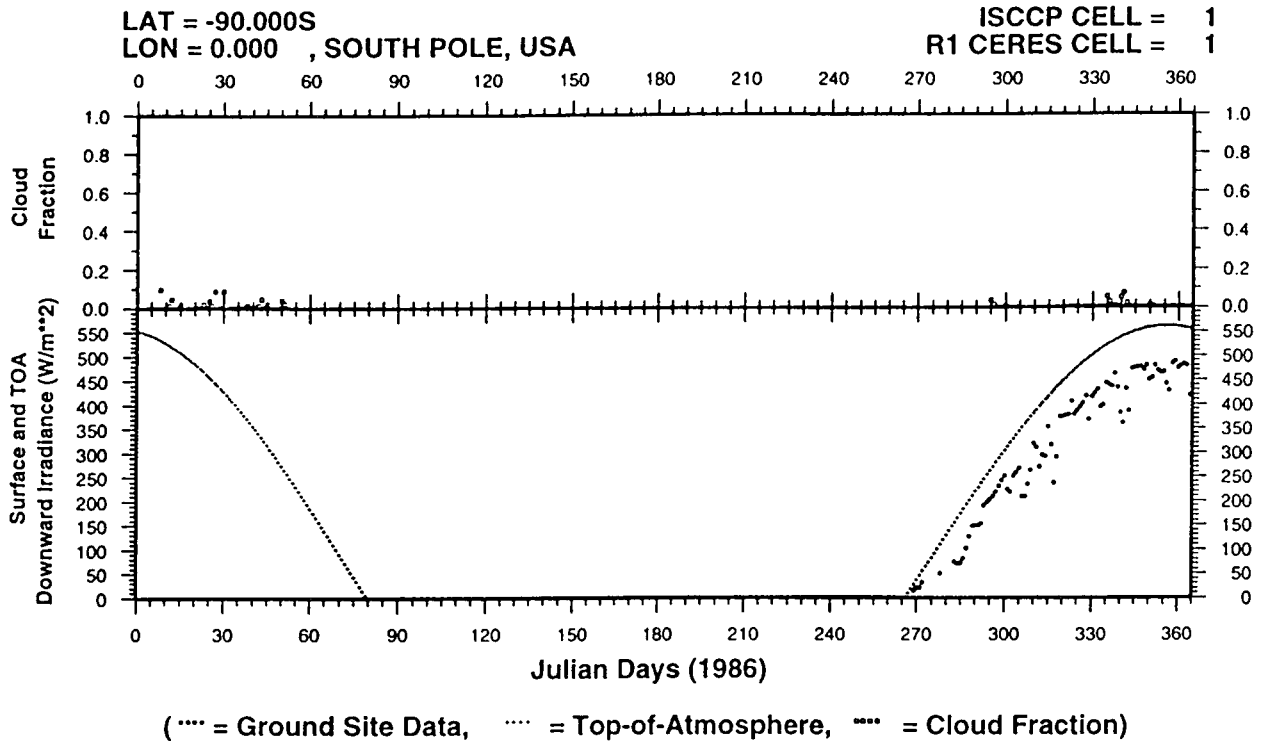


Figure I2. Site-measured downward surface and top-of-atmosphere shortwave irradiance; and ISCCP cloud fraction for SOUTH POLE, USA.

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13. ABSTRACT (*Maximum 200 words*)

For the year 1986, daily time series of International Satellite Cloud Climatology Program (ISCCP) cloud fraction, measured shortwave surface radiation data, and analytically calculated top-of-atmosphere downward shortwave irradiance are presented for 502 sites around the globe. A table of monthly averages of the following parameters is provided for each site. The monthly parameters are (1) measured downward shortwave surface irradiance, (2) top-of-atmosphere downward shortwave irradiance, (3) cosine of the solar zenith angle, (4) maximum and minimum transmittances, and (5) four different estimates of monthly clear-sky transmittance. Also, maps and a table depicting the locations of the sites are provided for reference.

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ERBE	WCRP	BOREAS

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